

The
Dental
Review
1932

COLUMBIA UNIVERSITY

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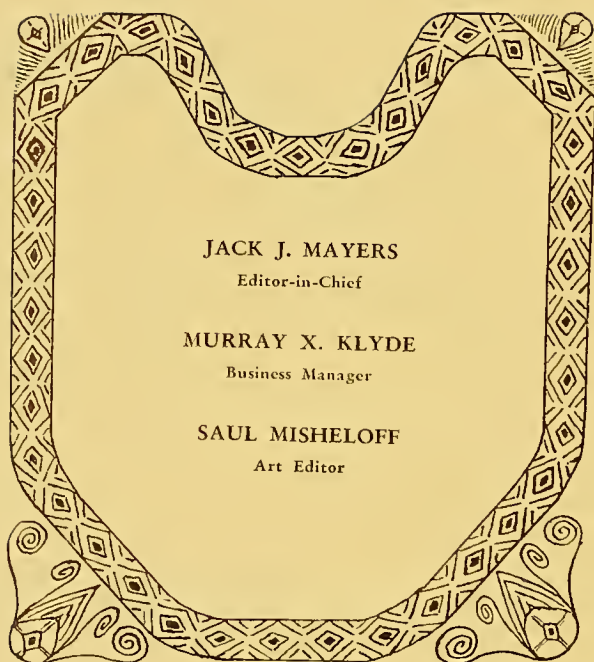


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Editor-in-Chief

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Business Manager

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The **DENTAL REVIEW**



MISKELOR.

Published by the
STUDENTS OF

**SCHOOL OF DENTAL
AND ORAL SURGERY
COLUMBIA UNIVERSITY -**

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Foreword

In presenting this the second volume of the Dental Review, to you, the students, alumni and faculty of the School of Dental and Oral Surgery of Columbia University, we the editors, hope that it will help to preserve the memories and associations which will ever remain a colorful part of your life. It has been the endeavor of the staff to mirror as accurately as possible the activities of the college during the year.

DEDICATION

*As an expression of our high esteem for an inspiring leader,
a sympathetic teacher, and a kind friend, we the students of
the School of Dental and Oral Surgery dedicate this, the second
volume of the Dental Review, to*

Dr. Leroy Leo Hartman

COLUMBIA



LEROY LEO HARTMAN, D.D.S.

Professor of Dentistry

DENTAL REVIEW

Seven

THE SCHOOL OF DENTAL AND ORAL SURGERY HISTORY



THE School of Dental and Oral Surgery of Columbia University, today holds an important place among the schools of dentistry. In order to appreciate the progress it has made in the interest of the profession and as an aid to society the personal history of the college should be known.

The first step in the formation of a dental school at the comparatively new Columbia University, was taken in September, 1916 when students of dentistry were admitted to courses at the School of Medicine of the University. On March 5th, of the following year, the Trustees of the University recognizing the need established a School of Dentistry as of September 27, 1916.

The first movement toward the establishment of an independent college, one that focused the eyes of the professional world upon the school, was made on March 1, 1920, when the building adjacent to the College of Medicine and Vanderbilt Clinic was completed and assigned to the use of the School of Dentistry. It was on December of this same year that the first honorary society was formed. This was named the William Jarvie Society for Dental Research.

On July 1, 1923, the School of Dentistry combined with the College of Dental and Oral Surgery of New York, which had been conducting a school of dentistry since 1905, and the new institution named the School of Dental and Oral Surgery of Columbia University. This merger enabled the University to add two large buildings to its equipment which gave to it additional prestige. These were located at 302 East 35th Street and 309 East 34th Street.

In 1925, the first periodical to be published by students of the college took form and was named the *Dentor*, an annual reflecting the activities of the school. In 1927, a new faculty headed by Dr. Alfred Owre took over the reins of the school. From that time on affairs of the school took on an immediate trend towards a higher scholastic and professional plane. In the fall of this same year the interfraternity council was organized with the purpose of placing fraternity activities upon a well organized basis.

With the formation of the Medical Center at 168th Street and Broadway, the school progressed yet another step when it took over the three upper floors of the Vanderbilt Clinic Wing. This gave the school 40,000 sq. feet with which to continue the teaching of dentistry and also afforded the school the opportunity of linking hands with the College of Physicians and Surgeons and the Vanderbilt Clinic.

On December 21, 1928, members of the faculty and student body recognized the need for a group to foster "a more intimate relationship between the faculty and students and also to assist in the improvement of the institution." This resulted in the organization of the Student Council with representation by the faculty and the four classes comprising the student body.

After a lapse of four years the William Jarvie Society was reorganized in 1929 and today gives promise of carrying out the original plans of its organizers. In this year a new periodical came into existence, the Dental Review, the official publication of the student body and its only literary organ. In 1929, only one issue saw the printers ink but the reception accorded was so satisfying as to assure its future. In 1930, two issues appeared, one in magazine form and the other as a year book.

With the year 1931-32, the professional world was startled by the announcement that the School of Dental and Oral Surgery of Columbia University now requires an entrance requirement of three years of College credit. This makes the College the one and only Dental School in the country to exact such a requirement. It naturally places the School in a position highly gratifying to the faculty, alumni and student body.

Looking back over the years one sees a small ship seemingly enveloped in fog but with every glance it gradually increases in size until today it is seen as a beautiful vessel with graceful lines developed by the untiring efforts of its builders. Such a ship requires a large and faithful crew. Let every Columbian, graduate or under-graduate remember that he is an integral part of the crew and that every stroke made by every member has some bearing upon the ship's course.

J. J. M.



ALMA MATER

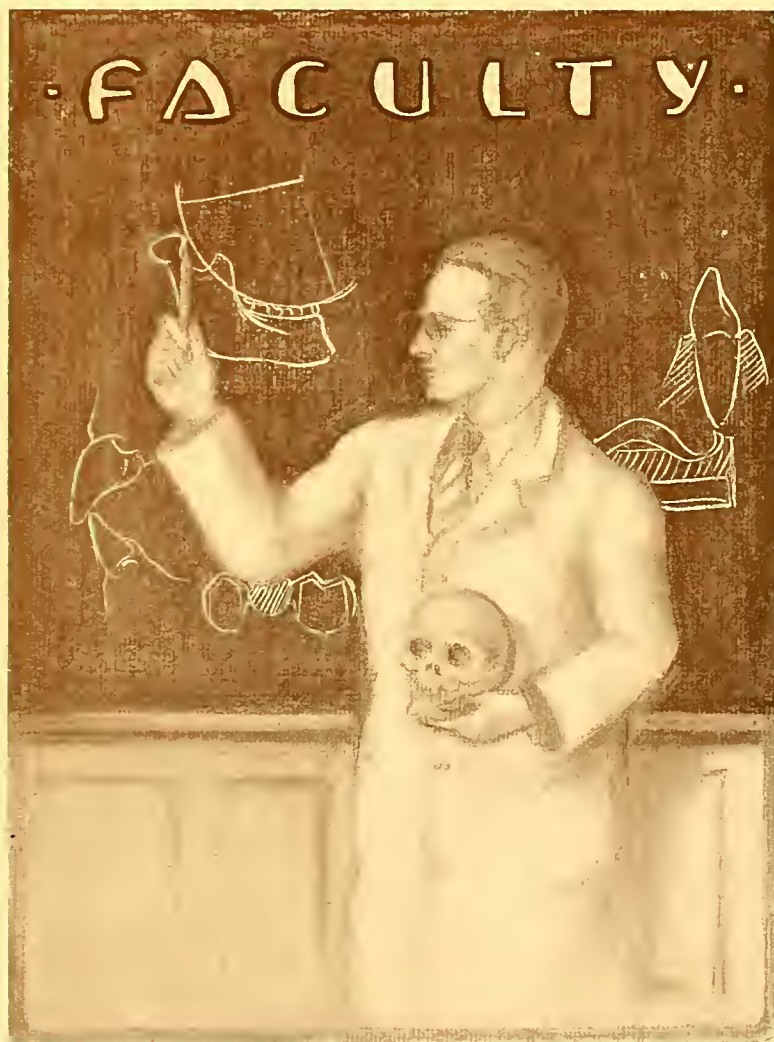


SCHOOL ENTRANCE

FAME

Fame, like a wayward girl, will still be coy
To those who woo her with too slavish knees,
But makes surrender to some thoughtless boy,
And dotes the more upon a heart at ease;
She is a Gipsy,—will not speak to those
Who have not learnt to be content without her;
A Jilt, whose ear was never whisper'd close
Who thinks they scandal her who talk about her;
A very Gipsy is she, Nilus-born;
Sister-in-law to jealous Potiphar;
Ye love-sick bards, repay her scorn for scorn,
Ye artists lovelorn, madmen that ye are!
Make your best bow to her and bid adieu,
Than, if she likes it, she will follow you.

John Keats





NICHOLAS MURRAY BUTLER, L.L.D. (Cantab.) D.Litt.
(Oxon), Hon. D. (Paris)
President of the University

COLUMBIA



ALFRED OWRE, D.M.D., A.B., M.D., C.M., Sc.D.
Dean and Professor of Dentistry

DENTAL REVIEW

DENTAL ETHICS AND JURISPRUDENCE



ALFRED OWRE, D.M.D., A.B., M.D., C.M., Sc.D.

Dean and Professor of Dentistry

MARTIN C. TRACY, D.M.D.

Assistant Professor of Dentistry

HENRY W. GILLETT, D.M.D.

Professor of Dentistry

DENTAL Ethics and Jurisprudence, a course for fourth year students, is conducted jointly by Dean Owre, Dr. Martin Tracy and Dr. William Gillett. The course is given as a series of conferences at which, the History of Dentistry, its Practice and Ethics are discussed.

It is the purpose of this course to give the students themselves the opportunity of expounding their ideas concerning the various ethical phases of dentistry. Following the delivery of a paper by a student it is fully discussed by the other members of the class and if found suitable it is recommended for publication in one of the many dental magazines.

The integration of Dentistry into Medicine as a specialty received a great amount of stress in many of the papers. Dr. Owre, the exponent of this great movement, informs the students of its progress and reception, both pro and con, by some of the leaders of both the medical and dental professions. The class is held for a complete year with meetings once weekly.

DENTAL HISTOLOGY AND EMBRYOLOGY

DENTAL Histology and Embryology, one of the most important dental subjects, is taught to students of the first year. Its effect upon the outlook of the student as he approaches his clinical work is of the utmost importance.

Here, Dentists of the future are equipped with sound learning, and practical knowledge, so that they may capably fill their positions in health science and in preventive dentistry. By means of a series of lantern slides, lectures and microscopic studies, the student becomes acquainted with the histological structures and the embryology of the teeth. Each student is equipped with a series of stained histological preparations. He is required to carefully study these and make topographical drawings of the structures seen under the microscope. In this way the student receives a thorough knowledge of the structural elements of the tissues upon which he will operate, plus the knowledge that he is working upon vital tissues which are an integral part of the human organism.

CHARLES F. BODECKER, D.D.S., F.A.C.D.

Professor of Dentistry

EDMUND APPLEBAUM, D.D.S.

Instructor

JOSEPH BERKE, D.D.S.

Instructor

ORAL ANATOMY

ORAL Anatomy is the first course with which students of the Freshman year come into contact. Under the expert tutelage of the dexterous Dr. Moses Diamond and his assistants, the freshman learns to know the name and function of each ridge, each facet, and each curve in every tooth in the mouth. In short order, he becomes acquainted with the words "digital dexterity," and is called upon to demonstrate his own aptness for carving, to measurement, exact duplicates of ideal teeth.

This course consists of a series of lectures in the first and second trimesters during which the student is made acquainted with the developmental anatomy and relationship of the teeth. In the third trimester of the same year, and the first of the following year, each student is required to carve a full set of teeth from wax blocks. Several teeth are also carved from a bone-like material. Finally, the wax teeth are set up in a wax mandible and maxilla in perfect occlusion.

MOSES DIAMOND, D.D.S.

Associate Professor of Dentistry

M. RUSSELL STEIN, D.D.S.

Instructor

ARMAND OPPENHEIMER, D.D.S.

Instructor

OPERATIVE DENTISTRY STAFF



LEROY L. HARTMAN, D.D.S.

Professor of Dentistry

GEORGE F. LINDIG, D.D.S.

Instructor

MAURICE BUCHBINDER, D.D.S.

Asst. Prof. of Dentistry

IRVIN L. HUNT, D.D.S.

Instructor

JAMES M. DUNNING, A.B., D.D.S.

Instructor

MILTON R. MILLER, B.S., D.D.S.

Instructor

AMERIC ANGELUS, B.S., D.D.S.

Instructor

WILLIAM B. MILLER, B.S., D.D.S.

Staff

OPERATIVE DENTISTRY

OPERATIVE dentistry, it has been contended by many practitioners, constitutes more than half of practical dentistry. Realizing this future demand, the operative department, supervised by Professor Leroy L. Hartman, has outlined as thorough a student training as can be found in any similar department of any dental school.

Primarily, a course in technic is prescribed. Proper cavity construction, proper instrumentation and sharp line angles and point angles are indelibly impressed upon the minds of the students. This work, done on extracted teeth imbedded in compound blocks, appears as neat and clearly cut as many photos seen in our dental magazines. Supplementing this technic a technical and biological treatise on root canal therapy is given by our specialist Dr. M. Buchbinder.

Being thus fully equipped with the necessary technical knowledge the students are permitted to do work upon patients in our well equipped infirmary. The clinic floor is divided into sections so that the operators may secure the acme of instruction from instructors who specialize in the many branches of operative procedure.



ORAL DIAGNOSIS

IT is now recognized that many physical ills are due to dental and periodontal disease and that many of these ills manifest their first symptoms in the mouth. The dentist is now held responsible for recognizing these conditions and dealing adequately with them. Therefore, modern dentistry is acknowledging the value and the need for proper diagnosis.

Oral diagnosis signifies a thorough understanding of the normal and abnormal conditions of the mouth. This, of course, implies an understanding of abnormal systemic conditions which may be the cause of pathological changes in or about the mouth.

It is the endeavor of the members of the staff of this department to impress upon students the necessity for correct diagnosis as a most important feature of modern oral health science. With their basic training of the normal and abnormal pathology fresh in their minds, students are here given the opportunity of applying this knowledge to practical cases. Diagnosis ever will play a part important in the practice of dentistry for no treatment will be efficacious without a correct and scientific diagnosis.

Lectures in the course are conducted by Dr. J. Leonard after which the students are assigned to the diagnosis department headed by Dr. D. Ziskin. Here each student is given practical experience in diagnosing oral conditions and the finding and charting of cavities.

HAROLD J. LEONARD, A.B., D.D.S.
Professor of Dentistry

DANIEL E. ZISKIN, D.D.S.
Assistant Professor of Dentistry
—Chairman

HOUGHTON HOLLIDAY, D.D.S.
Associate Professor of Dentistry

LEWIS R. STOWE, D.D.S.
Assistant Professor of Dentistry

JOSEPH O. FOURNIER, D.D.S.
Assistant Professor of Dentistry

MORELL D. MCKENZIE, D.D.S.
Instructor

DONALD J. McLAUGHLIN, D.D.S.
Instructor

SOLOMON N. ROSENSTEIN, D.D.S.
Staff

HENRY J. POWELL, B.S., D.D.S.
Staff

ORAL PATHOLOGY



HENRY A. BARTELS, B.S., D.D.S.
Instructor

LESTER I. CAHN, D.D.S.
Assistant Professor of Dentistry

AFTER having completed their training in the fundamental medical sciences, the students are given a thorough course in oral pathology in their third year. This course enables them to rationally apply their accumulated knowledge to the comprehensive practice of dentistry.

It is the aim of the instructors to demonstrate grossly and microscopically all lesions which may confront the dentist in general practice. This makes it possible for the correct diagnosis and correct treatment of these lesions.

Students are introduced to the study of the pathological, first by means of lectures delivered by Dr. L. Cahn. These are correlated by laboratory work which immediately follows each lecture. Laboratory work and recitations are conducted by the Drs. Bartel and Berke.

In the laboratory each student is assigned a box of slides containing mounted sections of the various types of pathology to be studied. Topographical drawings of these slides are required in order to more firmly and accurately fix them in the minds of the students.

SURGERY STAFF



HENRY S. DUNNING, D.D.S., M.D., B.S., F.A.C.S.
Chairman of Dep't. and Prof. of Dentistry

FRANCIS S. McCaffrey, B.S., D.D.S.
Assistant Professor of Dentistry

SAMUEL BIRENBACH, D.D.S.
Instructor in Dentistry

ADOLPH BERGER, D.D.S.
William Carr Professor of Surgery

DOUGLAS B. PARKER, M.D., D.D.S.
Associate Professor of Dentistry

MORRIS A. ZIMMER, D.D.S.
Instructor in Dentistry

ORAL SURGERY

ORAL Surgery is, perhaps, the most glamorous phase of dentistry. We are fortunate, here at Columbia, in having a modernly equipped clinic and a staff of instructors who not only are well known as to reputation, but also have the ability of instilling into the minds of the students the principles, theories and technics of Oral Surgery.

Doctors H. S. Dunning, A. Berger, F. S. McCaffrey and D. B. Parker all participate in the lectures and conferences where we are taught the theory and principles necessary to be known in the study of this all important phase of dentistry. The course is carried over a period of three years beginning with lectures followed by conferences on local and general anaesthesia and exodontia. In the third and fourth years, students are permitted to work in the clinic under careful supervision of the men of the staff. In the clinic the first real experience in injections, extractions and dressings is received. Students are also required to assist in and observe the more delicate and difficult oral operations.

In the fourth year time is also assigned to clinical demonstrations on various pathological cases where the condition is explained and a diagnosis made. The course as conducted gives the student the experience in exodontia, local anaesthesia and in the diagnosis of pathology so necessary in the instruction of the embryo dentist.



ORTHODONTIA

THIS course was evolved with the purpose of instructing students in the fundamentals of Orthodontia. The required course consists of one lecture and three laboratory hours each week for a period of ten weeks.

It is not the purpose of this course to prepare students to go out, upon graduation and practice Orthodontia. On the contrary it is intended to acquaint the dentist with the need for Orthodontia, to give him an understanding of the basic principles of this specialty of the profession, and to acquaint those who wish to specialize with some knowledge of what is required of them.

For those who wish, during their undergraduate course, Orthodontia may be elected. These students are instructed in the construction of space retainers, labial and lingual arches, etc., for patients in the clinic.

LEUMAN M. WAUGH, D.D.S., F.A.C.D.

Associate Dean and Professor of Dentistry

HENRY U. BARBER, Jr., D.D.S. EDWARD G. MURPHY, D.D.S., P.G.

Instructor

Instructor

HERBERT H. ERNST, D.D.S.

Instructor

ARTHUR C. TOTTEN, D.D.S.

Instructor

PROPHYLAXIS

PROPHYLAXIS, aside from its hygienic purpose, is particularly important to the students of the second year, in that it initiates them into the various difficulties to be met with when working in the month. This course, under the capable supervision of Dr. Anna V. Hughes, and assisted by Miss Hollis, gives the students a thorough going technic for handling the various types of instruments which are used to remove calcareous deposits. The student is first given a rhetorical survey of the entire field of operation. By means of mannekins with rubber flaps for cheeks the student proceeds to his instrumentation studying closely the various positions necessary to be learned.

After proper training in technic in which the cardinal principal, fulcrum point, is brought home, the operators are introduced to their actual work upon patients. Twenty weeks with two periods weekly are allotted to this course. This department serves its purpose in acting as the entrance to all departments of dentistry especially the department of periodontia.

ANNA V. HUGHES, D.M.D.
Professor of Dentistry

KATHERINE HOLLIS, D. H.
Instructor

SOLOMON N. ROSENSTEIN, B.S., D.D.S.
Instructor

PEDIODONTIA



LEWIS R. STOWE, D.D.S.

Assistant Professor of Dentistry

SOLOMON N. ROSENSTEIN, B.S., D.D.S.

Instructor

EWING C. McBEATH, D.D.S., B.S., B.M., M.D.

Associate Professor of Dentistry

PEDIODONTIA, that course dealing with the dental care of the child, is a specialty of dentistry that is receiving increased recognition in the profession. It is now realized that the dental care of the child is a field in itself. With this thought in mind the college has set aside the entire half of the floor H clinic solely for the care of the child.

Coincident with the operative work in the clinic, lectures are given by Dr. E. C. McBeath and Dr. L. R. Stowe. The lectures are concerned with child psychology, dietetics, pre-natal and post-natal, and dental therapy. In order to secure the most advanced theories concerning the psychological treatment of the child, guest speakers are invited from the Psychiatric Institute to talk at the lectures.

The course is held for a period of twelve and one-half weeks with two clinic periods weekly. Lectures are conducted for ten weeks, one lecture each week.

PERIODONTIA



HOUGHTON HOLLIDAY, A.B., D.D.S.

Associate Professor of Dentistry

ISADOR HIRSCHFELD, D.D.S.

Asst. Prof. of Dentistry—Chairman of Dept.

HAROLD J. LEONARD, A.B., D.D.S.

Professor of Dentistry

WM. B. DUNNING, D.D.S., F.A.C.D.

Professor of Dentistry

THE dentist, in his ideal of perfect teeth in a healthy mouth, has a vision of optimum health unequalled by any other branch of the healing art. In this department it has been the desire of the instructors to instill the feeling of desire into the students to place the mouth of every patient in a condition of health and well being.

Before starting the course in Periodontia, the student has a complete and accurate knowledge of normal teeth in a healthy mouth. In this course he is impressed with the need to return diseased and pathogenic oral conditions to this ideal.

The course in Periodontia consists of twenty clinical periods devoted to dental prophylactic technic in the sophomore year, ten in the junior year and ten in the senior year. Ten lecture hours are held during the junior and senior years. Conference and lecture hours are conducted by Dr. J. Leonard and Dr. H. Hirschfeld while the clinic periods are headed by the Drs. Hirschfeld, Dunning and Holliday.

COLUMBIA

PROSTHETICS AND CROWN AND BRIDGE STAFF



ARTHUR T. ROWE, D.D.S.

Professor in Dentistry

EARL B. HOYT, D.D.S.

Assistant Professor of Dentistry

WILLIAM H. CRAWFORD, D.D.S.

Associate Professor of Dentistry

PAUL B. WIBERG

Assistant Professor in Dentistry

GILBERT P. SMITH, D.D.S.

Instructor

HARRY A. YOUNG, D.D.S.

Assistant Professor of Dentistry

DONALD J. McLAUGHLIN, D.D.S.

Instructor

MORRELL D. MACKENSIE, D.D.S.

Instructor

FRED. H. KUIVER, D.D.S.

Instructor

ARTHUR N. CROSS

Technician

CARL SCHOOFF, D.D.S.

Instructor

DENTAL REVIEW

PROSTHETIC DENTISTRY

And

CROWN and BRIDGE

PROSTHETICS and Crown and Bridge is that specialty of dentistry that is concerned with the replacement of the lost parts of the mouth. Because of the attempt to replace the lost structures and make the appliance function as nearly as possible with the normal, this course is not only difficult and exacting but of great importance.

Under Dr. Arthur T. Rowe and his staff the student is given the opportunity through lectures and clinic hours to understand the mechanical and biological problems to be met in the construction of dentures and bridges. This course is given to students of the second year as a technical class. It is continued through the Junior and Senior years, during which time the student is required to spend the required length of time in the clinic.

Prosthetic Dentistry is the application of all knowledge with which the student of dentistry is invested. Anatomy, Operative Dentistry, Oral Pathology, Oral Anatomy, Oral Histology, etc., all play an important part in the instruction of the dental student to prepare him for this most practical aspect of the Profession.

The course in Metallurgy is also classed with this department, being given to members of the second year class. Lectures and laboratory work are taken care of by Dr. William Crawford.

MEDICO-DENTAL RESEARCH
AND RELATIONS



LEUMAN M. WAUGH, D.D.S., F.A.C.D.

Associate Dean

WILLIAM D. TRACY, D.D.S.

Director of Dental Service to Presbyterian
Hospital and Professor of Dentistry

CHARLES F. BODECKER, D.D.S., F.A.C.D.

Chairman of Commonwealth Fund

HAROLD J. LEONARD

Chairman

ANNA V. HUGHES, D.M.D.

In Charge of Courses in Oral Hygiene
and Professor of Dentistry

DANIEL E. ZISKIN, D.D.S.

Chairman of Oral Diagnosis Dept.

MEDICAL DEPARTMENTS



ADOLPH ELWYN, B.S., A.M.

Assistant Professor of Neurology

FREDERICK P. GAY, A.B., M.D.

Professor of Bacteriology

CHARLES C. LIEB, A.B., M.D.

Hosack Professor of Pharmacology

MAURICE N. RICHTER, B.S., M.D.

Assistant Professor of Pathology

MAXWELL KARSHAN, B.S., A.M., Ph.D.

Associate Professor of Biological Chemistry

RICHARD W. LINTON, A.B., A.M., Ph.D.

Assistant Professor of Bacteriology

ANATOMY

WITH the better appreciation of the role which the teeth and their associated structures play in the preservation of health, dentistry is being recognized more and more as a department of medical health service. As such a more complete training in the fundamental medical subjects is absolutely essential for the proper understanding of diseased conditions in the oral cavity. Therefore the students of the first year are given a course in anatomy which is practically identical with the course pursued by the medical students of the College of Physicians and Surgeons.

The course consists of the dissection of the cadaver, accompanied by oral recitations upon the work covered with written reviews given at regular intervals. The head and neck, that area of particular interest to students of dentistry is minutely studied with the aid of a capable staff of instructors headed by Dr. S. R. Detwiler.

HISTOLOGY

THIS department which is conducted as a portion of the department of anatomy of the College of Physicians and Surgeons, gives the students of the first year class the background necessary for the study of Pathology, Oral Histology and Oral Pathology, so essential for the better understanding of the body as a whole, in health and in disease.

The course is conducted along similar lines as that given to first year men of the medical school. Both classes attend the same lectures and so are given the opportunity of hearing some of the leading men in the field. The tissues and organs of the entire body are studied from slides specially prepared. Topographical drawings are made and these carefully studied and graded. Laboratory work is preceded by explanatory lectures by Dr. Severinghaus and his staff of assistants.

SAMUEL R. DETWILER, Ph.B., A.M., Ph.D.

Professor of Anatomy

RUSSELL L. CARPENTER, B.S., Ph.D.

Instructor

ADOLPH ELWYN, B.S., A.M.

Assistant Professor of Neurology

BACTERIOLOGY

THE sophomore begins his second year with an intensive training in Bacteriology under the able guidance of Dr. F. P. Gay and Dr. Roseberry. The course consists first, of a series of lectures by Dr. Gay and his associates. These discourses take up the science of bacteriology from its inception, to its present well established status and indelibly impresses the students with the basis of the study viz—Koch's Postulates. Secondly, in the laboratory, the student is trained in the various processes of staining, culturing and in carefully handling the variety of microorganisms. With it all goes a respect for the wide spread havoc of which bacteria are capable, their existence in numerous types, their mode of reproduction and transmission, and above all, the importance for means of their eradication.

Bacteriology, for Dental students, is practically synonymous with that of the medical school. The lectures are taken jointly and the laboratory work is practically the same except for the fact that the medical students receive the actual experience with experimental animals.

FREDERICK P. GAY, A.B., M.D.

Professor of Bacteriology

R. W. LINTON, A.B., A.M., Ph.D.

Assistant Professor of Bacteriology

BIOLOGICAL CHEMISTRY

IN the present era of the changing concept of dentistry, and the inter-relationship of medicine and dentistry, biological chemistry becomes increasingly important in our curriculum. Proper appreciation and understanding of physiology, pharmacology and pathology depend upon a thorough knowledge of biological chemistry. It is a consideration of the mechanism of changes which proceed in the body under conditions of normal nutrition.

The course includes a series of lectures in conjunction with laboratory work, upon the chemistry of the cell, enzymes, blood and lymph, respiration, foods, digestion, absorption, intestinal putrefaction and detoxication, and metabolism. A detailed consideration of the chemistry of saliva as it is related to the oral conditions, the chemistry of the teeth and bones, and the mechanism of calcification are carefully studied.

Dental research has been one of the factors in the activities of this department. The fact that dental research has become so intimately associated with Biological Chemistry has prompted the head of the department to promote and encourage research among the advanced students of the school. Small groups of students are furnished with the opportunity of acquainting themselves with methods and technics of dental research.

HANS T. CLARKE, D.S.C.
Professor of Biological Chemistry

MAXWELL KARSHAN, B.S., A.M., Ph.D.
Associate Professor of Biological Chemistry

FRANCES KRASNOW
Instructor

JESSICA P. LELAND
Assistant

WILYJOHN M. KENNAN
Assistant

PATHOLOGY

IN an effort to make the first two years of the dental curriculum as nearly identical as is possible with that of medicine, the present complete course in general pathology was outlined. The student, with courses in Anatomy, Histology and Physiology as a background, makes a close study of microscopic sections and gross specimens of diseased tissues and organs.

Previous to the course in Pathology the student has learned only to differentiate between the normal tissues. In this course given to students of the second year, he is trained to recognize the pathological tissues characteristic of the various diseases. Each student is equipped with a box of slides which contain a goodly portion of the diseases to which man is heir.

Laboratory work is preceded by lectures delivered by Dr. Richter. Several autopsies are performed by Dr. Richter during which the general procedure and diagnosis are explained.

JAMES W. JOBLING

Professor of Pathology

MAURICE N. RICHTER

Assistant Professor of Pathology

JOSEPH VICTOR

Instructor

SIGMUND L. WILONS

Instructor

LEWIS DICKAR

Instructor

PHARMACOLOGY

WITH the knowledge that the understanding of the action of drugs and their use are of great importance to the Dentist, the Faculty of the College have outlined a course that gives to the students of dentistry the information that is needed. This course is given in conjunction with the students of the College of Physicians and Surgeons and is conducted by Dr. Lieb.

The course includes a series of lectures, demonstrations, quizzes and laboratory hours. In the laboratory the action of the various drugs are noted upon various animals such as the cat, dog, rabbit, frog and turtle, etc.

Following this course, which is given in the Junior year, a series of ten lectures, in the application of drugs for the Oral cavity is conducted by Dr. Humbert, for Seniors.

CHARLES C. LIEB, A.B., M.D.

Hosack Professor of Pharmacology

WALTER R. BEAVEN, D.D.S.

Instructor

MARY C. HRUBETZ, A.B., A.M.

Instructor

MELVILLE HUMBERT, D.D.S., B.S.

Instructor

HENRY BLACKBERG, M.D.

Instructor

COLUMBIA

ADMINISTRATION STAFF



MRS. MARGUERITE GRIMM McKENZIE

Assistant to the Dean

MRS. ELLIN RICHARDSON

In charge of Social Service

MRS. ALICE LITTLE FITZGERALD

Secretary to the Dean

CHARLES M. FORD, M.D.

Assistant to Registrar

DENTAL REVIEW

CLINICAL STAFF AND ASSISTANTS



MARION BARBUSCIA
CHRISTINE GLASS
ROSE PELOSI
FRANCES LYNCH
GERALDINE DUNN
CATHERINE SHULTZ

MADELAINE VAN SYLKE
ELIZABETH HOLDEN
ALLOUISE RICE
MARIE ANDERSON
MARION WRIGHT
CLARA SMITH
DORIS DE NOBRIGA

THE GRADUATING CLASS



COLUMBIA

SENIOR CLASS HISTORY



IN September of 1929, the class of '32 entered its first year in dental school. A great many of the members of the class were disappointed medical students, but in all, everyone seemed pleased with the thought of going thru with dentistry. We had embarked and our venture would only prove successful if we did not succumb to planes, cusps, curves, bevels, angles, occlusion and other enigmas that are thrust in the paths of the embryonic dentist.

Our introduction to dental school was Anatomy. The very name held a foreboding of mystery. Into the "stiff" room we marched fifty-six strong. Most of us were faint with the thought of working upon those sinister figures covered with white muslin. Before half a year had gone by, however, going into anatomy had already become habitual. Soon that became history together with Histology, Bio-Chem., and Neurology. And so to be introduced to the more practical phases of dentistry, Oral Anatomy and Dr. Diamond.

We took our wax blocks, measured, carved and measured again. "And so with one sweep of the knife I establish the cuspal depth, oblique ridge, and depth of mesial triangular fossa." How many of us remember those words and how many strokes it took to establish Dr. Diamond's primeval sweep. At last we had completed some of our work after which some of our group appeared for a tete-a-tete with Dr. Rowe. Here he suggested that the sickly members of the flock become historians, medical men, piccolo players and peanut venders. Then again how about our initiation into prosthetics. Remember those art bases?

DENTAL REVIEW

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Talk of being enthused about dentistry. To be at last introduced to mixing plaster. Joy of joys! Even the air around the lab was surcharged with activity and its perpetual effervescence caused innumerable air bubbles to appear in our beautiful bases. Even using two huge five hundred pound barrels of plaster did not suffice. Dejected, we left the building carrying a plaster trail thru the halls, down the elevators, thru the street and down to the subway entrance.

In the spring of the year, time was taken from our busy scholastic program to hold our class dance. That was quite a memorable affair held at John Jay Hall on the Columbia campus. Earlier in the year elections were held resulting in the election of that dynamic atom, Irving Lobel as President, Jack Himer as Vice-President and Jack J. Mayers as Secy.-Treasurer.

Too bad, our class, which had already become a fairly friendly and solid unit had to separate into two distinct units. The good old summer bunch had elected to do the course in three years. Well more power to them. If they didn't care for vacations and had enough money, well——.

Then began our sophomore year. In a hectic election in which politics featured and the proceedings smacked of the undercover and mystery, Irving Lobel was re-elected President, Mils Giordano was elected Vice-President, and Irving Pollack, Sec'y-Treas. The council representatives were Warren Herman and Julius Geller.

Suddenly school swooped down upon us in earnest. There was Pathology, Physiology and Pharmacology to hurdle. Then came our dental technic courses, Prosthetics, Operative and Crown and Bridge. The peculiar feature of our second year was the initiation of a particularly troublesome bugaboo known as "weaseling". "Weaseling" seemed to be especially prevalent during pathology, there would suddenly be a general exodus of about fifteen of our more illustrious brothers. With faces grim and determined they could be seen sitting in front of a bunsen burner with spatulas extended into the flame and then seen to shift some muggy porcelain tooth that refused to be placed. Finally, another summer was ushered into our lives.

The junior year stands out clearly in our minds as that milestone, that completion of dental infancy, when we took our places on the clinic floor and went to surgery and extracted our first tooth. We all remember that last lecture in prosthetics by Dr. Rowe. There seemed to be innumerable precautions. What cared we for precautions. We wanted our first denture and we were going to get it. Rushing upstairs we were met by a horde of patients.

DENTAL REVIEW

Talk of difficulties. First, the water became so hot that it made a sticky goo of the compound, then, in trying to get the compound out of the water a few of our members were burned as a proud memento. When we finally did get the tray presentable somehow the mouth seemed too small to get the bulk of compound into it. And good old operative. How many times did we not think that our first grand exposure had been perpetrated every time blood entered the cavity and stained the pulpal wall?

"Here doctor, extract upper right seven." This was addressed to a general group of four or five students in Surgery. The more timid souls feigned deafness and retreated to the rear. Of course, there is usually some brave one. He usually grasps the wrong forceps, points the beaks in the reverse direction, and after counting from one to seven starts on eight. At this point, happily, the instructor intercedes, saves the day and the tooth.

Well, some fun, eh kid, that year? As usual the class elected officers with Irv Lobel, President, Jack J. Mayers, Vice-President, Irv Pollack, Sec'y-Treas., and Nat Stofsky, Moe Rosenhack and Sam Abramson as student council reps.

Finally our dreams were answered when we were addressed as the Senior Class. However, we realized we had to work. We had not gone so far only to fall. Twenty Crown and Bridge teeth, eight plates and 500 points in operative stared us in the face. They had to be overcome and we were determined. Remember that interview with Dr. Hartman? Remember the full crown era? Remember those bridges that wouldn't fit? Remember the rebases and Dr. Ralston?

For the fourth and last time class elections were held. Those honored were Jack J. Mayers, President; Abe Haber, Vice-President; Harold Leegant, Secy.-Treas., and Nat Stofsky, Sam Abramson and Chas Sender student council reps.

Finis has been written to our student days. We now embark upon a more serious task. These four years have been only the stones in the erection of that final edifice. To what use it is put depends solely upon each of us. Let us do everything honorably for ourselves and Columbia.

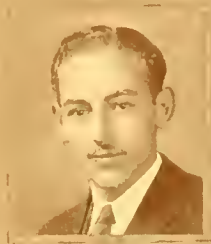
A. R.





CLASS OF JUNE, 1932

SENIOR CLASS OFFICERS



JACK J. MAYERS
PRESIDENT



ABRAHAM HABER
VICE-PRES.



HAROLD LLEGANT
SECT - TREAS.



CHARLES SENDER
STUDENT-REP.



SAMUEL ABRAMSON
STUDENT-REP.



NATHAN STOTSKY
STUDENT-REP.

COLUMBIA



Samuel Abramson, B.S.,

C. C. N. Y.

1664 Hoe Ave., Bronx, N. Y.

Sigma Epsilon Delta, Student Council (3) (4)

Benedict F. Altman,

Columbia

1581 President St., B'klyn, N. Y.

Alpha Omega

Jacob B. Cohen,

N. Y. U.

921 Calm Street, Brighton Beach, B'klyn, N. Y.

Phi Delta Sigma, Jarvie

DENTAL REVIEW



Raymond Cohen,

C. C. N. Y.

1452 Carroll St., B'klyn, N. Y.

Alpha Omega. Jarvie

John J. Dalwin, B.S.,

N. Y. U.

1404 Newkirk Ave., B'klyn, N. Y.

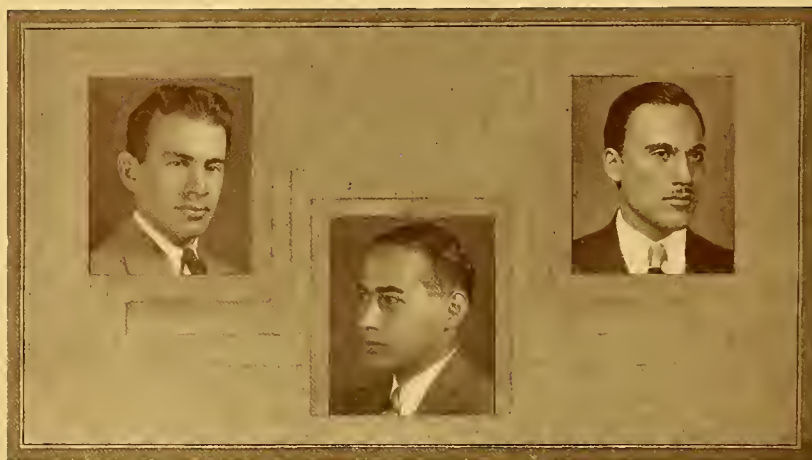
Alpha Omega

Stephanie E. Davis, A.B.,

Hunter

100 Edgecombe Ave., N. Y.

Jarvie



Abraham C. Ellin, B.S.,
C. C. N. Y.

713 Avenue P, B'klyn, N. Y.
Phi Delta Sigma, Jarvie

Abraham H. Fass, B.S.,
N. Y. U.

1518 Walton Ave., N. Y. C.
Alpha Omega

Mortimer Flamer,
N. Y. U.

86 Hamilton Ave., Yonkers, N. Y.
Alpha Omega



Julius Geller,

N. Y. U.

272 Driggs Ave., B'klyn, N. Y.

Sigma Epsilon Delta, Student Council (2)

Mitchel Goldstein,

N. Y. U.

2395 Grand Ave., Bronx, N. Y.

Dental Review (4)

Abraham Haber,

Columbia

7320 17th Ave., B'klyn, N. Y.

Sigma Epsilon Delta, Sec'y-Treas. (2), Vice-Pres. (4)



Murray M. Kimmel,

N. Y. U.

62 Vernon Ave., B'klyn, N. Y.

Sigma Epsilon Delta, Dental Review (4)

Murray X. Klyde,

C. C. N. Y.

109 Brook Ave. Passaic Park, N. J.

Alpha Omega, Dental Review (3), Business Manager (4), Pres. Jarvie (4)

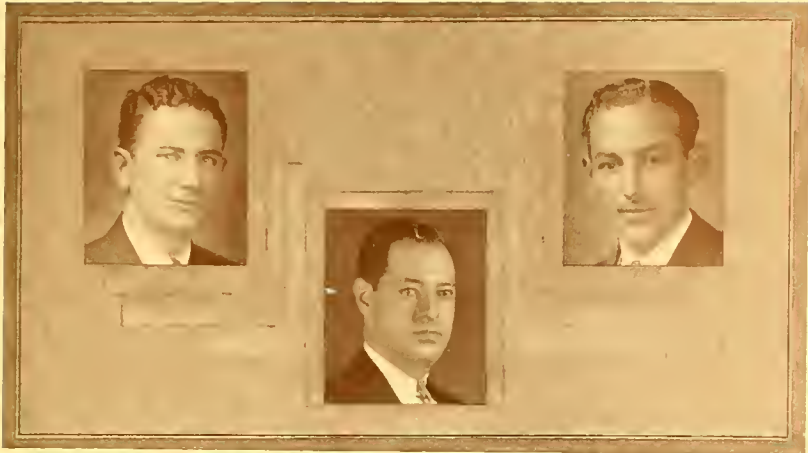
Harold A. Leegant,

Columbia

1237 Virginia Ave., Bronx, N. Y.

Jarvie, Sec'y-Treas. (4), Dental Review (3) (4)

COLUMBIA



Sidney M. Mandell, B.S.,

N. Y. U.

278 Fifth Street, Jersey City, N. J.

Alpha Omega

Jacob B. Marcus,

Columbia

52 East 52nd St., B'klyn, N. Y.

Alpha Omega

Jack J. Mayers,

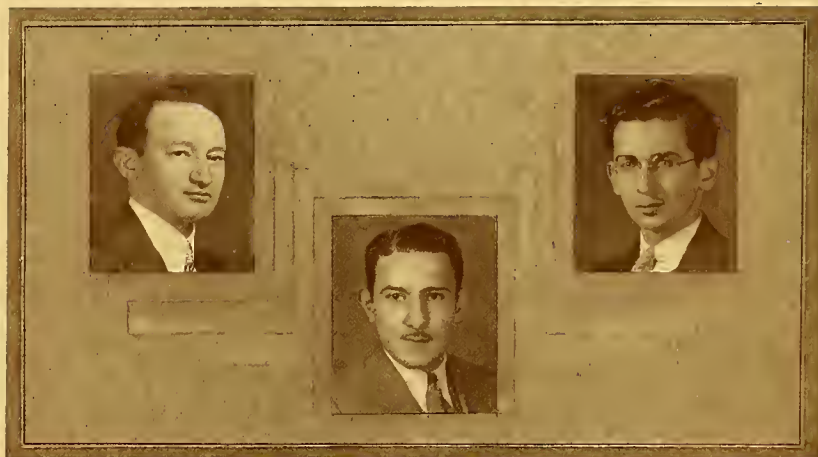
Florida

665 West 160th St., N. Y. C.

Sec'y-Treas. (1), Vice-Pres. (3), Pres. (4), Dental Review (2),
Editorial Editor (3), Editor-in-Chief (4), Student Council (4)

DENTAL REVIEW

Fifty-three

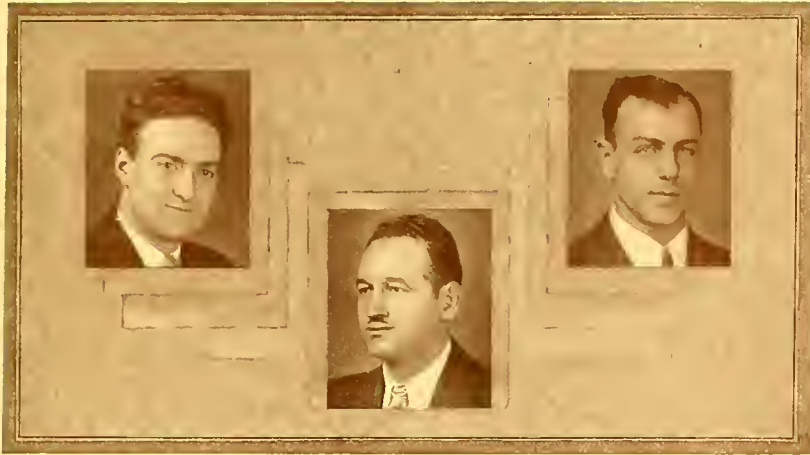


Jacob Mesnick,
U. S. Naval Academy
769 Courtlandt Ave., N. Y. C.
Jarvie

Phillip J. Noumoff,
N. Y. U.
543 Ralph Ave., B'klyn, N. Y.

Samuel Paris,
C. C. N. Y.
1643 E. Second St., B'klyn, N. Y.
Sigma Epsilon Delta

COLUMBIA



Jacob H. Portnoy,

C. C. N. Y.

569 Empire Blvd., B'klyn, N. Y.

Jarvie, Dental Review (3), (4)

Aaron Ratner,

Columbia

4924 - 9th Ave., B'klyn, N. Y.

Sigma Lambda Pi, Editorial Editor (4)

Gideon Robinson,

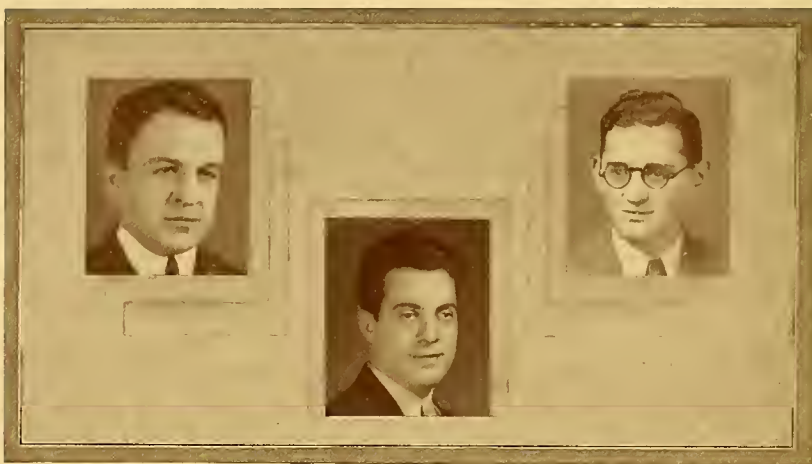
C. C. N. Y.

27 Le Count Pl., New Rochelle, N. Y.

Jarvie

DENTAL REVIEW

Fifty-five



A. Safittin, D.M.D.,

Istanbul U.

Istanbul, Turkey

Charles Sender, B.S.,

C. C. N. Y.

360 East 188th St., Bronx, N. Y.

Sigma Lambda Pi, Jarvie, Student Council (+), Dental Review (+)

Nathan Stofsky, B.S.,

C. C. N. Y.

222 West 83rd St., N. Y. C.

Phi Delta Sigma, Sec'y Jarvie (+), Sec'y Interfraternity Council (3) (+),
Sec'y Student Council (3), Pres. Student Council (+), Dental Review (+)

COLUMBIA



Burton C. Wellward, B.S.,
N. Y. U.

155 West 188th St., N. Y. C.
Photography Editor, Dental Review (+)

Israel I. Wexler, B.S.,
Columbia

1515 East 33rd St., B'klyn, N. Y.
Alpha Omega, Dental Review (+)

William Schoenfeld, A.B.,
Columbia

321 East 79th St., N. Y. C.
Sigma Lambda Pi, Poetry Editor (3), Humor Editor (+), Sec'y-Treas. (2)

Louis Goldberg,
N. Y. U.
1602 Madison Ave., N. Y. C.
Sigma Lambda Pi

Richard I. Wiener, B.S.,
C. C. N. Y.
481 East 171st St., Bronx, N. Y.

DENTAL REVIEW



CLASS OF AUGUST, 1932

CLASS OF AUGUST, 1932

A CANTATA

When hailstones drive and mist and snow,
Like unleashed furies, wildly blow
About our legs and head,
When life's December's surly blast
Obliterates the summer past,
And lies all cold and dead,

We crouch about the leaping blaze
And quaff the mellow brew;
We talk of golden olden days,
And drink to August '32.

A HYBRID group of twelve, commanding a unique position in the grouping of classes, the class of August 1932, collectively as Senior A, is about to enter the final stretch of its undergraduate career. Commencing as a group of twenty they eagerly grasped the opportunity to economize with time in securing a degree earlier by enrolling in the summer course. Now, two years have passed and the twelve who have survived, representing as diligent, capable and ambitious a group as ever represented this splendid institution, look forward to the time when they will enter the dental profession carrying with them new methods and new ideals in an effort to achieve and create better dentistry.

A competitive spirit fostered by a desire to acquire a maximum of experience has prompted the class to produce an unprecedented amount of work of high quality. However, competition has in no way affected the homogeneity of the group. Examination time always found the group, in its entirety, congregated in some one of the fraternity houses "honing away" together.

This class marks the end of an experiment. For reasons known only to the faculty the three year course has been withdrawn from the curriculum. Nevertheless, this last group will have sacrificed nothing by spending three summers at work instead of at play.

Although associated with the class of 1933, from which it sprung, its lectures are taken with both the junior and regular senior groups. The group admittedly represents "the cream" of the class of 1933 in scholastic achievement.

No mention is made of individual names because of the desire to consider the class as a group, or unit working toward achieving together a universal ideal. And so, carrying with them the cornerstone of "Dentistry of Tomorrow" the Class of August 1932 bids a fond farewell to Columbia its Alma Mater.

I. L.



George D. Amy, B.A.,
Columbia

1145 Morrison Ave., N. Y. C.
Xi Psi Phi, Sec'y Student Council (4), Jarvie

Harold H. Bettinger, B.S.,
C. C. N. Y., M.A. *Columbia*

94 West 104th St., N. Y. C.
Alpha Omega, Vice-Pres. Jarvie (4)

David L. Dorfman, A.B., A.M.,
Columbia

720 Bushwick Ave., B'klyn, N. Y.
Jarvie, Student Council (4)



Eugene W. Ebling,

Columbia

8776 - 97th St., Woodhaven, L. I.

Xi Psi Phi, Jarvie

Milton Fishman,

N. Y. U.

1475 Grand Concourse, Bronx, N. Y.

Alpha Omega

Herbert A. Greenberg,

N. Y. U.

1817 White Plains Ave., N. Y. C.

Jarvie



Irving I. Lederman, B.S.,
C. C. N. Y.

45-26 - 41st Street, L. I. City, L. I.
Sigma Epsilon Delta, Jarvie Vice-President (3)

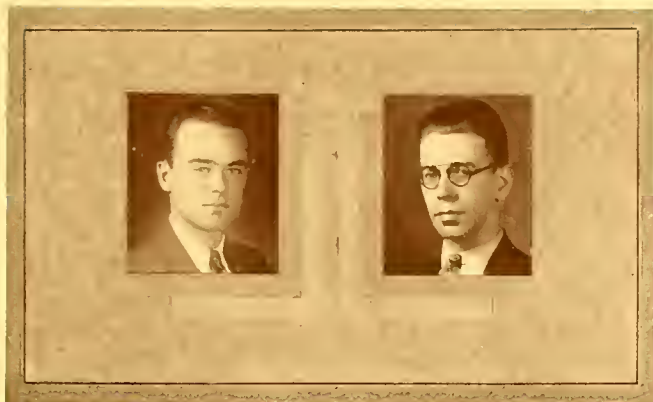
Saul Misheloff,
N. Y. U.

5022 - 9th Ave., B'klyn, N. Y.
Alpha Omega, Jarvie, Art Editor (2) (3) (4)

Edward J. Mundahl,
Columbia

78 Park Ave., Port Washington, L. I.
Xi Psi Phi, Jarvie

COLUMBIA



Bernard Nathanson, B.S.,
N. Y. U.
615 West 173rd St., N. Y. C.

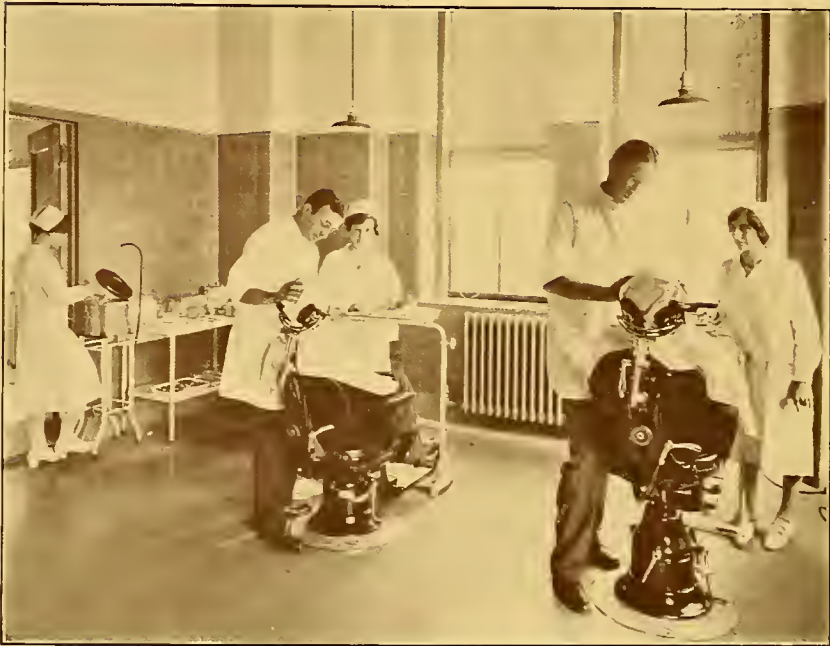
Oscar L. Winkelstein, B.S.,
N. Y. U., *A.B. Col.*
391 Hancock St., B'klyn, N. Y.
Alpha Omega

Harry A. Galton,
N. Y. U.
900 West End Ave., N. Y. C.
Sigma Epsilon Delta

DENTAL REVIEW



ORAL DIAGNOSIS



ORAL SURGERY

THE UNDERGRADUATES



JUNIOR CLASS

ORIGINALLY, this was not intended to be a paean on the virtues and achievements of the Junior class. But it seems to ye scribe that no inscription could be written without some expression of praise for the highly professional manner in which the members of the class of 1933 conducted themselves in their newer environments of active clinical work. Having survived their enervating encounters with their preparatory dental and medical courses, they entered upon the third of their fledgling years with becoming confidence, keenly conscious of the greater responsibility they would have to shoulder. And it redounds to their credit that they so quickly justified the trust placed in them by the faculty.

The year is marked, of course, by their introduction to clinical procedure, soldering, and negative balloting. But it acquires additional significance because it is the last year of association with that hardy handful of their class that have braved the vicissitudes of arduous summer labor, and as reward for their continuous study, involving both winter and summer courses, now find themselves members of the special Senior "A" group that will be graduated this September. It is difficult to find words of appropriate sentiment to express the gratitude of the entire Junior class to this group for their ready willingness to assist the unknowing members of the class with instructions on some of the more difficult laboratory and clinical operations. The excellence of their work and the high standards of their individual and professional conduct have been a constant source of inspiration for the entire class. Before these Senior A's don cap and gown to receive their well-merited honors, the Juniors would want them to know that they have also earned the sempiternal affection of their classmates. So great is the Juniors' devotion to this exemplary group, and so indissoluble the ties that bind them, that the Junior class as a group is planning to spend the coming summer with them in the clinics.

A time-worn maxim hath it that the key to an individual's character can best be obtained by learning how his leisure is employed. No survey was ever made of the members of the Junior class to ascertain just what use they make of their free time, but it appears that no matter what their hobbies and predilections, these are easily superseded by their zeal to do dental work. Announce to a Junior that he may have an unexpected hour of freedom and



CLASS OF 1933

observe the change that comes over him. As though transformed by some strange alchemy, he becomes another individual, a monomaniac with but one impulse . . . to rush to the laboratories and seek some new task in prosthetics or crown and bridge. A new verb, "to weasel", becomes an indispensable part of his vocabulary. His lunches acquire a new and better savor eaten in the laboratory, closing time means nothing to him, and if it were not for the untiring efforts of the school police, he would never go home.

More memorabilia and marginalia: Doug Lublin, self-appointed timekeeper at lectures . . . those peaceful and friendly class elections . . . "the sub-conscious gingiva" of Richard Michelbacker . . . the transformation of so many prosthetic partial technique cases into class I orthodontia problems . . . Dave Levine's "Where y'all gwine, bwoy" . . . and his inexhaustible and spontaneous wit . . . for best-liked student, best operator, and most likely to succeed: Saul Misheloff . . . the deplorable effects of the lower morality rate in Denmark . . . Bob Alexander's phobia of closed windows . . . Max Levy's disappointment with the dearth of duties as class Secretary . . . the discovery of so many ventriloquists in the class at roll call . . . those little pearly white teeth . . . Hal Levine's opportunity to study deciduous eruptions at first hand . . . Alan Greene's phenomenal luck at bridge . . . Tenenbaum doing a week's work in one period . . . class III gold foils that prefer an autonomous existence . . . Soghy's contagious laughter . . . likeable lad . . . Milt Fishman doing excellent work despite the distracting influences of dark eyes and radios . . . Soslowsky's political ambitions . . . Gene Humbert being assigned the prettiest patient in Operative . . . Dr. Henry Sage Graham in Surgery . . . the lightning mathematics in dental materials . . . the homeless lad who daily watches the sunrise from the laboratory windows . . . the popular interest and keen rivalry in handball . . . Sam Greenberger's inevitable cigar . . . Marcus's practical work coming up to the excellence of his scientific study . . . Bing Columbo Tockman incessantly rehearsing his monologue, soto voce . . . Oscar Winkelstein: what the well equipped dentist will own . . . his soldering experiences have been of invaluable aid to the class . . . Protz's devotion to Bob . . . one at a time now . . . the daily chess match between Vic Hanover and Gus Goldberg . . . Jack Traugott's matchless wit at operative lectures.

R. S.



CLASS OF 1934

SOPHOMORE CLASS

UNDER the able leadership of our smiling president, George O'Grady, the class of '34 has passed through its most important scholastic milestone—the half way mark in its professional studies. In these two years we have received a complete training in the fundamental medical sciences which should serve as an invaluable aid in later work in correlating conditions of the oral cavity with those existing throughout the body.

Despite the two years of grooming in introducing ourselves to the complexities of our chosen profession, we have not allowed our entire lives to become totally permeated with work. As a co-ordinated class body the Sophomores have also shown themselves worthy of merit. Regular meetings of the class were always well attended and considerable important business was accomplished. At the initial session class officers were elected including George O'Grady, President; Sam Gruskin, Vice-President; Lester Wolfson, Secretary; Kech and Trattner, student representatives.

At this meeting the group decided that an early class function should be held in order to keep alive a social as well as a scholastic spark in our professional careers. Arrangements were soon under way for a truly unique affair. A cozy, rustic road house on the Bronx River Parkway near Kensico Dam was hired exclusively for the class for Election Day Eve. The response to this dinner-dance was typical of the class, the support being admirable.

The thirty-three members of the class attending the affair will long remember that enjoyable evening. Eleven members of the class—some "migrating" all the way from Brooklyn, Long Island and points west—had consented to use their cars for transportation to the Dam and at 9:30 P.M. a long, happy caravan of the multicolored vehicles started from a specified meeting place, at an up-town students home. Not so very slowly, the procession wound its way thru the beautiful Westchester country and at 10:45 arrived at its destination.

Upon arriving at the Dam we found the Inn decorated to perfection. Dancing then started and continued until midnight, featured by Koepke's Hoboken Trot, Feinsot's Hop, Phinney's Tango and Trattner's Choke. At midnight a delicious five-course meal was served and then more dancing until 2 A.M.

Following this affair school-life seemed to take on a new aspect. Fellowship among the students ran higher and a general spirit of well-being pervaded the class activity for many weeks.

As this article goes to press, spring is drawing near. Since our last affair we have been engrossed deeply in our work and soon in keeping with the season we plan a real get together. Already plans for our second class affair, to be held in the form of a sports dance, are under way.

We wish to take this opportunity of thanking the members of the faculty under whom we have received our two years of medical and dental training, for their efforts in making the time spent both pleasant and profitable; pleasant in its associations with outstanding men in their respective fields, and profitable in the wealth of knowledge derived from their teachings.

In passing—

George O'Grady's middle name is Losere—Sid Charlat has a new girl—Phinney and Strikowsky keep their finger nails beautiful—by daily polishing on rouged lathe wheels—The O'club includes O'Brien, O'Grady, O'Neil, Orol and Oh Charley—Bremer and Axenfeld are neck and neck in their non-sleep marathons—we should really envy these men—as 20 years from now they'll be able to say to their children—when I was a student, etc., etc.

We all got a great kick out of standing around watching the great marathon race in prosthetics between the honorable Messrs. Isaacson and Phinney—at the moment Isaacson is leading by a tooth—Student Halls' middle name is Gasimis—Ruskin's better four-eighths has suggested several changes for future class functions—Thank you Oscar and thank you Mrs. Oscar—We'll do all we can to carry out the suggestion—Kantrowitz recently forgot a three cent item from his expense book—Be more careful Sid—Zeisler speaks Hungarian fluently, and his appetite is of the same nationality—Scopp, tell us, do you use your prosthetics rouge or are your cheeks rosy?—Strulson has been doing some research work in dentistry from a brand new angle—association with the charming daughter of a prominent New York dentist—Let us introduce you to our "Big Red Menace"—Gustave M. Reich—Gruskin is convinced that Mt. Vernon is a charming little suburb—I agree Sam, she is charming—Breiver's mustache?

G. G. T.

FRESHMAN CLASS

AS far as the present status of the Freshman Class is concerned, it appears very likely that the upper classmen had best look to their laurels, for this once naive group of new blood is surging ahead quite rapidly to win fame for itself in the dental field.

The year passed with few casualties listed. The most vivid recollection of the occurrences during this eventful period that are brought to the mind of most freshmen concerns itself with fraternities. In the beginning the men were besieged quite furiously by the various groups and many a pleasant afternoon was "spent" in pomp and splendour when the invitations to lunch were extended. The upper classmen ceded to the slightest wish of the expectant pledge and when the onslaught abated, many a happy face shone with victory—both fraternity men and neophytes. Soon this frivolity gave way to the more serious aspects of the university's curriculum and the class launched more ardent efforts to its studies.

Zeal and industry took the lead. Class functions were dismissed from the program, so that Gray's Anatomy text would not be slighted. How often did men break down under added burden of a microscope and slides in their efforts to "weazel" at home. When the men were finally established after the first trimester, they took cognizance of the manner and ways of the "intelligentsia" (upper classmen) and the locker room was transformed from a quiet to a den-filled place. Competition soon became lively between the efforts of ping-pong players, bridge-players, penny-shooters and tooth carvers to entrench themselves securely.

After the pleasant anatomy course took its toll, a life of ease once more set in, with nothing for the men to do but carve teeth and draw pictures, for physiology and neuro-anatomy came quite naturally to the group. All caught up in lost sleep during a certain lecture course. That was to be expected from this ambitious group.

As the year hastens to draw down its curtain, many eager hearts are looking forward to the work of the second year with more anticipation than



CLASS OF 1935

COLUMBIA

to the long summer vacation. To climax it all, a sport dance is contemplated to bring the class together before the final parting.

Lest you forget, do you know that:

Al Alterman is getting spoiled?

Tom Patrick Manning stopped growing when he was six?

Emil Raeder is the champion ping-pong player of the class?

Hal Brown once stopped talking for two minutes?

Nat Binder and Eddie Robins are seeing each other lately?

Too many glances are directed toward a "clock" in a certain lecture hall?

Al Rosen thinks he is the handsomest in the class?

Sam Pacia is an extraordinary witicist?

Roger Barton is the most reserved man in the group?

Doscher and Greminger are Princeton boys?

Al Rothenberg almost killed a cat during a physiology lab?

Harry Kaplan knows a certain damsel in Brooklyn?

Jack Briskman hardly ever says a word?

Marion Springer always dines with a chosen few?

Dave Salzberg has a car and chauffeur?

Bill Lancaster is a life guard at Jones Beach?

Al Koweek is writing a book, "One Question, Please"?

Lester Eisner is cute?

John Deely and Jack Curtis wore green flowers and neckties on St. Patrick's Day?

Belle Abramson has a doctor boy friend?

President

MANUEL GOTTLIEB

Vice-Pres

FREDERICK DOSCHER

Sec-Treas

ROGER BARTON

Student Coun.

ALBERT ROTHENBERG

M.G.

DENTAL REVIEW



LABORATORY



SKEPTICS WANTED

ALFRED OWRE, D.M.D., M.D., C.M., B.A., Sc.D. (Hon.)

Dean, School of Dental and Oral Surgery, Columbia University.

PROFESSOR Harold J. Laski, in a distinguished book on modern social conditions ⁽¹⁾, stated in the opening paragraph, "Western civilization . . . owes its discoveries to men who, in some special realm, have been deliberately skeptical about its orthodoxies." And later, in developing this thought, "We live in such terror of the new and unexpected that to welcome them is regarded as proof of original sin . . . We cannot, in matters of social constitution, too often insist that there is no finality about our present arrangements." The whole essay on the "Dangers of Obedience" treats conditions of our western civilization in general; but it might well serve, philosophically, as a discourse on our "special realm" of dentistry.

To those familiar with recent issues in dental education, it will not be necessary to draw the parallel. Many thinkers in our profession, and about our profession, are convinced that with all its merits, dentistry has heavy disabilities, which can be remedied only through a more logical system of education and practice. Developing a more logical system of any sort requires the educated man, in the old-fashioned sense of that term. It requires the bold thinker, not merely the technical expert. Valuable as the highly trained expert in a given field is to dentistry, unless he has a fundamentally liberal education besides, he cannot function in the capacity most needed today. In addition he must have courage, and great independence, and even greater fortitude. For his role will not be a popular one. "Let it (a new outlook) once touch a vested interest," remarks Mr. Laski, "and penalties immediately follow."

Perhaps the most essential quality is genuine independence, or freedom of thought. "Men whose minds have been put in fetters," says the writer on this, "cannot exert that energy of the soul which is the motive power of great achievement . . . To doubt is to examine and, with distinguished minds, is to discover . . . freedom means self-expression and the secret of freedom is courage . . . No man ever remains free who acquiesces in what he knows to be wrong . . . The price of our freedom is an ultimate courage to resist. We owe no state or church a blind or unreasoning obedience."

(1) *The Dangers of Obedience, and other essays.* Harper and Brothers, 1930.

* or, I might add, any organized profession. Alfred Owre

Next September, three years' academic preparation will be required for entrance to our dental school—three years of work designed to give an insight into history and literature and science, and to foster the habit of independent thinking. In the dental course itself are given about two years of the biological sciences. "Exploration in such an atmosphere," again to apply to Mr. Laski's philosophy to our particular end, "tends to correct the limited horizon which, almost always, is the course of the specialist and the practical man. For the eternal vice of the first is the contracted mind which comes from failing to think beyond the confines of his subject; he has learning without wisdom. So, too, the practical man is, as a rule, ignorantly proceeding upon unconscious assumptions the validity of which he has never tested; he has habit without philosophy. Most of the disasters of the world derive either from the specialist or from the practical man."

It is not unreasonable to hope that in another decade the best of graduates in dentistry—those who to a sound education bring independence and courage and power to endure—may shape events to better ends than at present. They need no longer feel, as now they too often do, that they wear a "badge of partial culture." They may take their places in the world, equipped to play thinking, and if need be, fighting parts in human affairs.



TECHNIC

ARTHUR T. ROWE, D.D.S.

*Professor of Dentistry, Columbia University**Chairman Department of Prosthetics*

THE value of the commercial laboratory to the practitioner has been variously estimated. Some men are absolutely dependent on a technician for the simplest mechanical procedure. Others have detailed various services to him to be executed for them according to their own plan.

The first type of dentist is not directing the work done for his patient, but is carrying out the idea of the technician. He is told that a certain type of appliance must be used, and, a victim of his own ignorance, he is in no position to dispute the question. He becomes a merchant retailing the product of the technician. He is unethical in his methods because, under the shield of his degree and license, he is masquerading as a professional man rendering a health service to the patient because of his supposed professional attainments. What a travesty! An attempt to solve a problem predominantly biologic by the application of mechanical principles alone.

Is it any wonder that there is such a multiplicity of appliances advertised as the final solution of any restorative problem? Is it any wonder that so much dentistry becomes a part of a series of retrogressive steps, with the patient the victim financially, physically, and mentally? The least intelligent person in the world would ultimately come to the conclusion that such dental service was but an expensive luxury and of little practical value.

In the face of such an existing condition dental students ask why they are required to do mechanical technic. They are repeatedly being told by friends who are practitioners that they will send such work to the laboratory as soon as they get into practice. The answer should be obvious. Any one in jail wishes to get out. The only way out of confinement within a wall of ignorance is knowledge. Nothing is difficult for him who knows how; if it is difficult, he does not know how. Certainly it would seem that enough knowledge of mechanical technic to plan a case, direct its construction, and to be able to pass judgment intelligently on its execution, properly belongs in a course of training that is as much vocational as professional in character.

WE NOMINATE FOR THE HALL OF FAME

Dr. Alfred Owre

Because he is a leader in the movement to make Dentistry a specialty of Medicine.

Dr. Arthur T. Rowe

Because of his knowledge of prosthetics. Because he is an excellent teacher. Because he is a man.

Dr. Isador Hirschfield

Because he is a recognized authority of Periodontia throughout the country. Because his facts are backed by startling evidence.

Dr. Henry Sage Dunning

Because he is a most valuable and successful surgeon. Because by his excellent work in surgery he has helped to increase the general appreciation of Dental surgery.

Dr. Adolph Berger

Because he is an excellent surgeon. Because he so efficiently solves every surgical problem. Because he is a most valuable instructor.

Dr. Leroy L. Hartman

Because he is a fine teacher and worker of Gold Foil.

OPEN PLEASE!

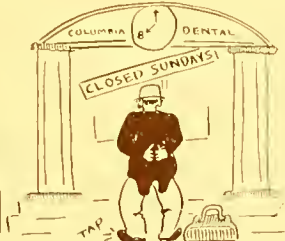
"TOOTS" MISHELDOFF



CLASS ANAESTHETIST—
KNOWS HIS ETHER WAVES!



AMY & EBELING INC.—
NOTED IMPORTERS AND EXPONENTS
OF MOUTH-WASHES

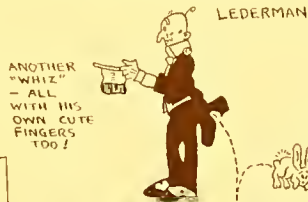


FORCE OF HABIT FOR
"WEAZEL" MUNDAHL



"I" NATHANSON

FREE
AIR AT
ALL TIMES



LEDERMAN

ANOTHER
"WHIZ"
— ALL
WITH HIS
OWN CUTE
FINGER'S
TOO!



FISHMAN — DOG-RESLASH
"CLASS ORATOR"



DORFMAN

DENTISTRY
IS A
GOOD
SIDE LINE
ANYWAY,
DAVE!

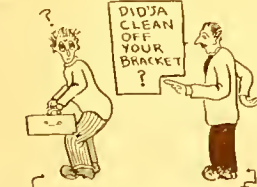


"HORSEFACE" GREENBERG

OUT TO GET
HIS KIT BACK!



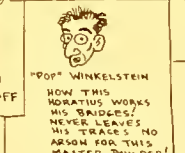
MISS HOLDEN—
SO PLEASANT
SO AMICABLE
SO HELPFUL!



DIDJA
CLEAN
OFF YOUR
BRACKET
?

GALTON

DR. SCHOOFF

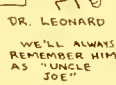


"POP" WINKELSTEIN

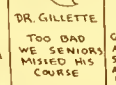
HOW THIS
HORATUS WORKS
NEVER LEAVES
HIS BRIDGES
NO ARSON FOR THIS
MASTER BUILDER!



DR. CRAWFORD
THAT BIG LITTLE
MAN ON THE
CLINIC FLOOR



DR. LEONARD
WE'LL ALWAYS
REMEMBER HIM
AS "UNCLE
JOE"



DR. GILLETTE
TOO BAD
WE SENIORS
MISSED HIS
COURSE



DR. HOYT
GENTLEMAN
AND A
SCHOLAR—
A FINE
INFLUENCE



BETTINGER
RADIO
RESEARCH
FIEND—
EDITORS,
TAKE NOTE!



WE'RE ALL
GOING TO MISS
DR. BODECKER
— ONE OF
OUR GUIDING
LIGHTS

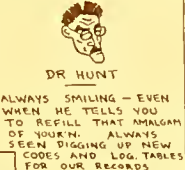


YAAAS!
OH-YAAAH!

DR. DUNNING
AND HIS
FAMOUS
PENCIL

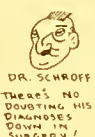


"DOS HIS GUT" KUEVER
HONORARY MEMBER
OF THE "KOLYICKAS"
— GREATLY LIKED
AND RESPECTED BY
ALL "FW'S" ALWAYS
HELPING SOME LINGUIST!



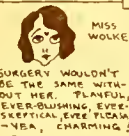
DR. HUNT

ALWAYS SMILING—EVEN
WHEN HE TELLS YOU
TO REFILL THAT AMALGAM
OF YOURN. ALWAYS
SEEN DIGGING UP NEW
CODES AND LOG TABLES
FOR OUR RECORDS



DR. SCHROFF

THERE'S NO
DOUBTING HIS
DIAGNOSES
DOWN IN
SURGERY!



MISS WOLKE

SURGERY WOULDN'T
BE THE SAME WITH-
OUT HER. FUNFUL,
EVER-BOUNCEING, EVER-
SKEPTICAL, EVER PLEASANT
—YEA, CHARMING!



AND STILL MORE
PULCHITUDE—AND
BEAUTY OF
THE SOUL

MISS SCHULTE

MISS O'LEARY



—AND NOT TO MENTION
W. H. H. DOWN IN
RADIOLOGY! YESSIE,
RADIOLOGY IS ONE OF
THE MOST POPULAR
ELECTIVES OH, HELEN!



A FRIEND INDEED!
COULD MAKE GOLD
FLOW AND SING
"MAMMY" AT THE
SAME TIME! A LOT
OF FUN TOO!

DR. WAUGH

HIS LECTURES—
AND THE HULL-CALL—
HAD THE BOYS IN
EARLY "PARENT
MISS BARBUCIA!"



KIMMEL-3L

CRACKED AND FUSED

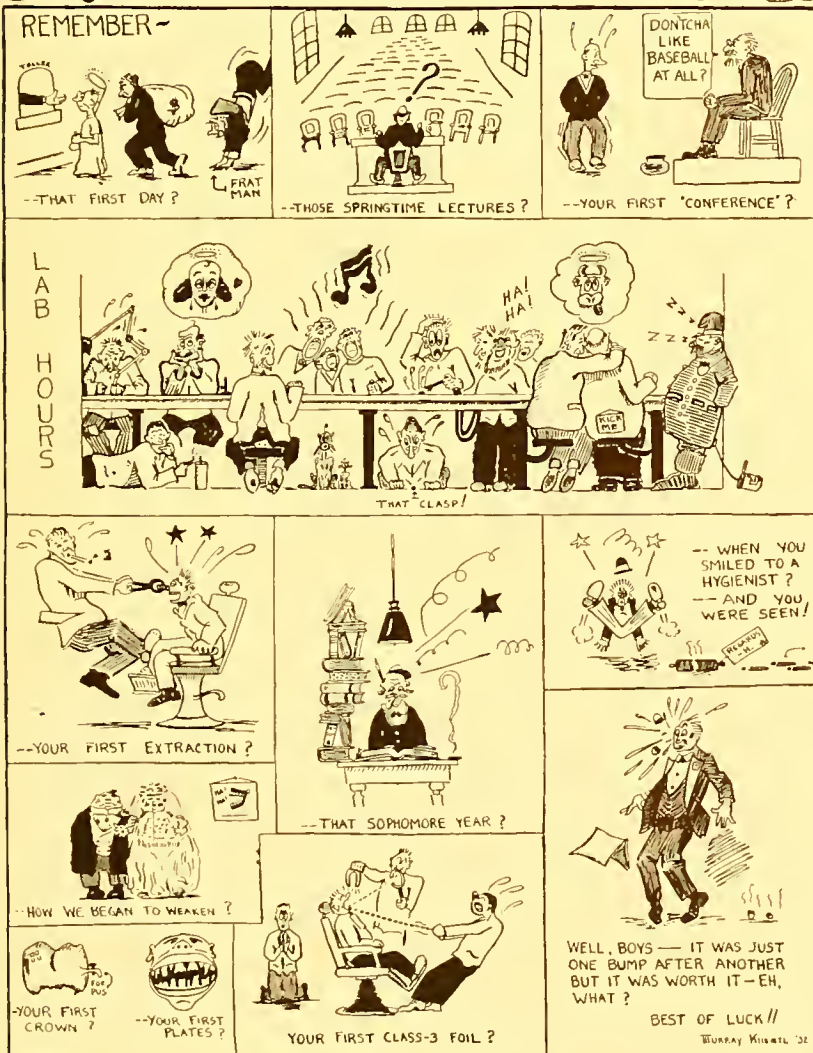
KIMMEL



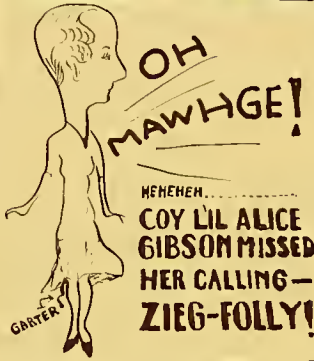
KIMMEL 32

SENIOR MEMORIES

KIMMEL



MEMOIRS



EVERY INCH HELPS!



2 in 1?!!



OUR 1st CLINIC PATIENT



BLAH! BLAH!



I KNOW, PROF.. BUT
I READ IN THE
ADVICE TO THE
"LOVELORN", THAT, ETC.



SEE YOU AFTER GRADUATION!

LIFE IS JUST A BOWL
OF CHERRIES!



WHY WE LOVE
X-RAY!



BRIDGE SHARKS

AWMIGAWD....
REMEMBER THOSE
CHILD'S RESTAURANT
LUNCHES?



RUTH AMPL'33

- alpha omega
- sigma epsilon delta
- pi delta sigma
- xi psi phi
- psi omega

ORGANIZATIONS

- william jarvie society
- interfraternity council
- student council
- dental review



COLUMBIA

Fraternities

ALPHA OMEGA

PHI DELTA SIGMA

PSI OMEGA

SIGMA EPSILON DELTA

XI PSI PHI



DENTAL REVIEW



ALPHA OMEGA FRATERNITY

COLUMBIA

ALPHA OMEGA

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A. ALAN GREENE

Vice-Chancellor

SOL ORLEAN

Quaester

JOSEPH GLICKMAN

Scribe

OSCAR RUSKIN

Historian

RICHARD SILVER

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Blue and Gold

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Bud Altman
Harold Bettinger
Raymond Cohen
John Dalwin
Abraham Fass
Milton Fishman
Mortimer Flamer

Murray Klyde
Sidney Mandell
Jacob Marcus
Saul Misheloff
Israel Wexler
Oscar Winkelstein

Juniors

Alan Greene
Sidney Greenfield
Clarence Loeb

Sol Orlean
Richard Silver
Leo Tuchman

Sophomores

Michael Berkowitz

Joseph Glickman

Oscar Ruskin

Pledgees

Albert Alterman
Nathan Binder
Sidney Bleicher
Emanuel Gottlieb
Albert Keweeh
Morris Kriss
Isadore Meinwald

Herman Reich
Edward Robbin
Alexander Rosen
David Rosenwasser
David Salzberg
Jacob Weiner
Morris Weinstein

DENTAL REVIEW



SIGMA EPSILON DELTA FRATERNITY

SIGMA EPSILON DELTA

Flower

Rose

Colors

Blue & Gold

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Samuel Abramson

Abraham Haber

Julius Geller

Murray M. Kimmel

Irving I. Lederman

Samuel Paris

Juniors

Harold J. Levine

Victor J. Hanover

Samuel Phillips Pritz

Sophomores

Phillip Beshansky

Mervin Farer

Julius Schroff

Julius L. Epstein

Sidney Issacson

Milton Priver



PSI OMEGA FRATERNITY

PSI OMEGA

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Blue and White

Flower
Ivy

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GEORGE L. O'GRADY

Junior Master . . .

ALFRED J. KECK

Secretary . . .

CHARLES R. PHINNEY

Treasurer

DONALD F. O'BRIEN

Juniors

John P. Traugott Jr.

Sophomores

Robert J. Condon

Donald F. O'Brien

Albert J. Guagliardi

George L. O'Grady

Alfred J. Keck

Harold B. O'Neill

Vincent M. Keber

Charles R. Phinney

Arthur R. Koepke

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John J. Curtis

Oke Vincent Wibell

John J. Deely

John J. Wilson

William J. Savoy

Pledges

Roger Barton

Samuel Pacia

Harold Hall

Emil Raeder

William Lancaster

Robert Hoffman

Thomas Manning

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Francis S. McCaffrey, B.S., D.D.S.

Henry S. Dunning, A.B., M.D., D.D.S., F.A.C.S.

Edward J. Ryan, B.S., D.D.S.

James M. Dunning, A.B., D.D.S.

Gilbert P. Smith, D.D.S.

William B. Dunning, D.D.S., F.A.C.D.

Albin R. Seidel, D.M.D.

Fred R. Kuver, D.D.S.

Charles H. Timms, D.D.S.

George F. Lindig, D. D. S.

Clifford Johnson, D.M.D.



XI PSI PHI FRATERNITY



COLUMBIA

XI PSI PHI

Colors

Lavender and Cream

Flower

Red Rose

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MARIO FRANZONE

Secretary

J. IRVING GRAHAM

Treasurer

WILLARD SKINNER

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George D. Amy
Eugene W. Ebeling
Edward J. Mundahl

Juniors

Mario Franzone
J. Irving Graham

Sophomores

Willard Skinner

Freshmen

Thomas McGrath



DENTAL REVIEW

Ninety-seven

INTERFRATERNITY COUNCIL



ROSTER

Samuel Abramson

George Amy

J. Irving Graham

Alan Greene

Abraham Haber

Murray Kimnel

George L. O'Grady

John Traugott

Nathan Stofsky

Israel Wexler

DENTAL REVIEW

IN this, its second year of what promises to be a long life, the Dental Review Year book has made tremendous strides in an attempt to publish an annual that may well represent the students of the school.

In a review of the years, we find that in the spring of 1929, a group of industrious students considered a publication for and by the students of the college. It was decided to edit a magazine which was so well received upon publication that the success of the project was immediately heralded.

During the following year another issue of the magazine found its way through the printers ink. This was a more elaborate and larger edition and bode well for the future. In the spring of this year, the editors decided to publish a Year Book for which each student was taxed by the student council. Although late in distribution the book was, nevertheless, well received.

The Year 1932 saw a great many changes in the policy of the publication. In an attempt to widen the circulation and increase the value of the magazine as a scientific organ, it was decided to make the magazine and year book two separate and distinct projects. The magazine to be published bi-monthly by the Alumni and Students and the Year Book to be published annually by the students. As its staff the magazine is to have a non-partisan editor, a business manager, two associate editors, one representative of the students and the other of the alumni, and a faculty advisor.

Editor:	Dr. James J. Dunning
Bus. Manager:	Dr. B. Fabian Dane
Assoc. Editors:	Dr. Emanuel Maslansky (Alumni)
Assoc. Editors:	Jack J. Mayers (Students)
Faculty Advisor:	Dr. Harold Leonard.

In the management of the Year Book the editors decided to place in the book only those events which each of us would care to remember in the years to come. An invitation was extended to the Oral Hygienists of the school inviting them to join in the publication of the book. This was accepted and it is due to their aid, in a great measure, that the book has assumed its present proportions.

J. J. M.

COLUMBIA



JACK J. MAYERS
Editor-in-Chief

DENTAL REVIEW

One Hundred

COLUMBIA



MURRAY X. KLYDE
Business Manager

DENTAL REVIEW

One Hundred and One

COLUMBIA



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Faculty Adviser



SAUL MISCHELOFF, '32
Art Editor



CHARLES SENDER, '32
Assistant Art Editor.



MURRAY KIMMEL, '32
Associate Art Editor



NATHAN STOFSKY, '32
Editorial Staff.



JACK PORTNOY, '32
Business Staff.



AARON RATNER, '32
Editorial Editor.

DENTAL REVIEW

DENTAL REVIEW STAFF

JACK J. MAYERS, '32
MURRAY X. KLYDE, '32
SAUL MISHELOFF, '32

Editor in Chief
Business Manager
Art Editor

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MURRAY KIMMEL, '32
CHARLES SENDER, '32
AARON RATNER, '32

Associate Art Editor
Assistant Art Editor
Editorial Editor

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MARCELLA D. QUINLAN

HOUGHTON H. HOLLIDAY, D.D.S. *Faculty Advisor*
DAVID DORFMAN, '32 *Student Council Representative*

STUDENT COUNCIL

THE Student Council, a body of men formed in 1930, was organized for the express purpose of giving the student body a voice in the government of the college and promoting a mutual understanding between the students and the faculty.

The council is composed of representatives elected by the members of each class, augmented by the class president of each group. These men are selected annually at the regular class elections. Council meetings are held on the first Friday of each month.

At the regular meetings held during the past year, a great many matters were brought to the attention of the members of the Council which otherwise might never have been acted upon. These were voted upon and then presented to the Faculty for consideration.

Some of the important matters taken up by the Student Council were the Dental Review Year Book and Magazine, the laundering of student gowns, the School Dance, Lost and Found Instruments, the formation of an honorary fraternity, and late hours for the laboratories.

For the first time in the history of the College a school dance was attempted, although held without the complete approval of the Council. Israel Wexler and Sidney Mandell assisted by a hard working committee attended to the details of this affair which gives promise of remaining as an annual school function. The affair was held on the night of March 17, in the main ballroom of the new Hotel Edison.

G. A.

COLUMBIA

STUDENT COUNCIL



Nathan Stofsky
President

Alan Greene
Vice-President

George Amy
Secretary

Haughton Holliday, D.D.S.
Maurice Buchbinder, D.D.S.
Faculty Advisors

MEMBERS

Senior Class

Jack J. Mayers	Samuel Abramson
Charles Sender	Nathan Stofsky

Junior Class

Alan Greene	George Amy
Richard Silver	David Dorfman

Sophomore Class

George L. O'Grady	George G. Trattner
Alfred J. Kech	

Freshman Class

Emanuel Gottlieb	Alfred Rothenberg
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DENTAL REVIEW

THE WILLIAM JARVIE SOCIETY FOR DENTAL RESEARCH

At the invitation of Dr. William J. Gies, a group of under-graduate students of dentistry conferred with him to consider the advisability of organizing a society of students, teachers and benefactors, for the promotion of research in the School of Dentistry of Columbia University. As the result of this conference, the William Jarvie Society was conceived on the afternoon of December 16, 1920. The original members were Dr. William J. Gies, who was at the time chairman of research of the Dental Faculty, Joseph Schroff, Fred Squire Dunn, Jr., Samuel Monash, Raymond Bristol, James Eller, Isiah Purvis and Jerome V. Tanz. Dr. William Jarvie was elected as an honorary member, and Joseph Schroff, M.D. as the first president of the society. Samuel Monash was elected vice-president and Raymond Bristol, Secretary and Treasurer.

Under the guidance of Dr. Schroff the Society flourished for a few years, but with the amalgamation of the Dental School with the College of Dental and Oral Surgery in 1923, the Society encountered many difficulties in securing a foothold in its new environment, although it did continue to function irregularly throughout this transition period.

On February 7, 1929, at the Medical Center with Doctors Gies, Schroff, Bristol, Humbert, Prange and Tanz present, the society was reorganized. The officers elected at this time were W. Jacobs, President; R. Drews, Vice-President and M. Aaronson as Secretary and Treasurer. At the open meetings throughout the year the society was addressed by Dr. J. Schroff on "Painful Sockets after Extraction;" Dr. A. T. Rowe on "The Corneous Layer of the Mucous Membrane;" Dr. M. Buchbinder on "A Method of Root Canal Filling" and Dr. Moss on "Nitrous Oxide Anesthesia."

During the year 1930, the society had as its officers Philip Gerber, President and James M. Dunning, Secretary and Treasurer. The guest speakers at the open meetings were Dr. Leuman Waugh on "A Study of the Teeth of the Eskimo of the North Bering Sea and Arctic Alaska;" Dr. William H. Crawford on "Physical Properties of Dental Materials" and Dr. Henry W. Gillett on "The Relation of Inlay margins to Cavity Margins."

COLUMBIA



Murray X. Klyde
President

Harold Bettinger
Vice-President

Harold Leegant

Nathan Stofsky
Secretary

John Traugott

Executive Committee

Joseph Schroff, M.D., D.D.S.
Editor

ROSTER

Senior Members

Benedict Altman
Jacob B. Cohen
Raymond Cohen
Stephanie Davis
Abraham Ellin
Murray Kimmel

Murray X. Klyde
Harold Leegant
Jacob H. Portnoy
Nathan Stofsky
Charles Sender
Harold Bettinger

Eugene Ebeling
Milton Fishman
Herbert Greenberg
Saul Misheloff
Irving Lederman
Bernard Nathanson

Junior Members

Robert H. Alexander
Mario Franzone
Marcus Gewertz

Louis Kraus
Abraham Marcus
Richard Michelbacher

Benjamin Tenenbaum
John Traugott
Leo Tuckman

DENTAL REVIEW

It was during the year 1931 that the society commenced to take definite steps forward. It was decided to place the election of members to the society on an honorary basis. The officers for the year were Nathan P. Berger, President; George D. Kudler, Vice-President; B. Fabian Dane, Secretary and Treasurer and Dr. Joseph Schroff as Editor.

The guest speakers at the open meetings included Dr. Charles F. Bodecker, on "The Relationship of Dental Decay to General Health;" Dr. Irwin L. Hunt on "Dental Ceramics" and Dr. William H. Crawford on "Changes which occur in the Physical Properties of Metals after Heat Treatment."

This past year has witnessed a continued growth in the development of the society. The society is now moving forward from a position of strength to strength. The officers for the year are Murray Klyde, President; Harold Bettinger, Vice-President and Nathan Stofsky, Secretary and Treasurer. Members of the executive committee, Harold A. Leegant and John Traugott, Editor, Dr. Joseph Schroff.

The officers are now laying the ground work for continued expansion of the organization. A movement to affiliate the William Jarvie Society with under-graduate honor societies at other leading University Dental Schools, is at present under way.

The first open meeting of the current year was held on Friday evening, November 27, in Amphi Theatre F of the Medical School. Dr. Theodor Blum, the guest speaker was introduced by Dr. Henry Sage Dunning of the Department of Oral Surgery. Dr. Blum's topic was "Some phases of Oral Surgery." Dr. Blum discussed the necessity for proper and accurate diagnosis of cases, which implies a complete knowledge of the normal as well as the pathological. Dr. Blum utilized lantern slides of actual cases which he had encountered in his practice after his talk, discussing carefully and accurately conditions shown.

On Friday evening, January 20, 1932, the society gathered for another open meeting at which they had the honor and privilege of listening to Dr. Charles F. Bodecker on "Problems in Dental Research;" and to Dr. Jesse Lefcourt on "My experiences with Research as an under-graduate."

Dr. Bodecker discussed the attitude which the practitioner ought to take toward research. He emphasized the fact that research in conjunction with general practice will develop the practitioner and make his work much more

interesting, and permit him to contribute something to his profession. He discussed the importance of Biological Principals in relation to dental practise and research; the need for complete co-operation between the clinician and the research worker; and the changing concept of Dentistry which is leading many of our ablest clinicians toward research.

Dr. Lefcourt, in his talk, stressed the need of the various types of research necessary for assured progress. He mentioned the fact that in the past the mechanical type of research has overshadowed the preventive type, but that we are on the dawn of a new era, where the clinician recognizes his need for the laboratory worker and is willing and even anxious to co-operate with him. Dr. Lefcourt also showed some lantern slides of the research he had performed as an under-graduate.

On Friday evening, February 12, 1932, the William Jarvie Society with the Alumni of the School as their guests, had as their guest speaker Dr. James L. Zemsky who addressed the society upon "Clinical Research by the General Practitioner, Its Importance, and Aid in Future Diagnosis." Dr. Zemsky, who is carrying on research in the office of Dr. Bodecker, was introduced by Dr. Alfred Owre, Dean of the School.

Dr. Zemsky made a very fervent appeal to the younger members of the profession to carry on the work in keeping accurate clinical case records and follow ups of these records, so that the dental profession may learn more and more about many oral conditions which have troubled it for many years.

Dr. Zemsky's talk was illustrated by a series of lantern slides. Discussion from the floor followed the lecture. The Jarvie Society is at present endeavoring to co-operate with Dr. Zemsky in securing information about many of the problems discussed.

The society has planned several more open meetings before the close of the school year, at which prominent members of the profession and faculty shall be the guest speakers.

The Society has made some very definite progress this year and student enthusiasm is fully aroused. A definite ground work has been laid for the future and we feel that the members shall carry on to greater and yet greater heights in the years to come.

N. S.



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Assistant Professor of Dentistry

PROBABLY no department in the School of Dental and Oral Surgery lays greater and more constant stress on service to the patient through prevention than the Department of Oral Hygiene. All that the hygienist is taught both in theory and practice is designed to educate her to help humanity by preventive rather than reparative measures. It is a service worth rendering and worth rendering well.

With this in view the University trains its students thoroughly both by actual work on patients and by an intensive course of lectures which give them a clearer understanding of the fundamentals underlying their work. Graduates are thus fully equipped with the theoretical as well as the practical knowledge necessary for the successful practice of their profession.

In connection with the Oral Hygiene Department there are three distinct clinics, admirably suited for training the students to deal with all types of patients. One is located at the Medical Center and concentrates on the treatment of adult patients. Another is located in the public schools, and there the children from the kindergarten to the eighth grade have their teeth cleaned. Nowhere is service in the preventive field more likely to be rewarded with gratifying results than in work with children, and in this clinic the hygienists have an opportunity to see the great importance of their work in dealing with the little ones.

Our third clinic is located in the Physics Building on the University Campus, and is run for the benefit of members of the faculty, staff, and students of the University. The work is carried on in conjunction with the Medical Office, and due to the excellent co-operation of Dr. McCastline, this has proved a very successful undertaking, and has more than justified its existence as an integral part of the medical service provided by the University.

Great care and thought has been given to the training of the hygienist, and if she always follows the precepts and ideals given her by the University she will be sure to reflect credit on herself, her profession, and her School.

DENTAL REVIEW

CLASS HISTORY

THE ultimate aim and hope of the prospective oral hygienists of the class of nineteen hundred and thirty-two, who entered Columbia University in the autumn of the preceding year, was to glean from, and absorb and be impressed by the wide scope of the dental knowledge offered them. This aim has been realized, and now as we look back upon the past months, months full of hard work, difficult study and interesting adventuring in fields hitherto unknown to us, we discover to our surprise, that the eve of our graduation is here.

We shall never forget with what an undercurrent of curiosity we anticipated new faces, new surroundings and new determinations during our first few days here. All of these tended to bring about, almost without our realizing it, the change in our lives which is bound to come with the undertaking of any professional career.

There were several weeks spent in preliminary preparation and finally the day came when the girls first took up their duties in the various clinics maintained by the school. Some of us were placed under the expert direction of Dr. Luhan on floor G of the Vanderbilt clinic; others under the straightforward yet sympathetic tutelage of Miss Walls at the Campus clinic at one hundred and sixteenth street; while the remaining group was assigned to work in the public schools under the direction of our very excellent instructor, Miss Hollis. At the end of every two weeks the groups changed places. This program of practical work was interrupted for the individual by periods spent in the Oral Surgery and Radiology departments.

Coincident with this practical work was the field of theory offering us at once, the opportunity of learning from professors of the highest rank and, in addition, the occasion to share in the discussion of the newest discoveries of science as presented by the lecturers. As a whole, the class has been from the first duly aware of the seriousness and diligence with which both our practical and theoretical tasks would have to be met. The Alumni have shown us, by their very kind gesture—the Alumni Tea given Sunday, February twenty-eighth, the gracefulness and friendliness with which we shall be welcomed when we assume their privileges in June.

Now, as we go out to start an entirely new, but yet, a continuation of our history as a body here at Columbia, let us stand true to the standard that has been held up for us, that has influenced our activities this year even more than we realize. Let us resolve to keep our professional, social, moral and hygienic standard all that we have been taught it should be.

M. A. I.



Amberg, Louise E.

This charming miss, with her fascinating ways
Knows what she's about—and she gets her share of A's.

Bear, Eileen

Presence of mind and courage in distress
Are more than armies to procure success.

Beekman, Theodora E.

The greatest treasure that I find
Is to maintain a quiet mind.

Bernstein, Gertrude

Let the world slide—let the world go;
A fig for care, and a fig for woe.

Borcherding, Dorothy A.

Sincere and true to all is she,
With vast and wide ability.

COLUMBIA



Borchgrevink, Astrid S.

And o'er that fair broad brow were wrought
The intersected lines of thought.

Braisted, Gertrude E.

I strove with none, for none was worth my strife,
And thus, in truth, I led a tranquil life.

Breder, Agnes E.

Never elated while one man's oppressed,
Never dejected while another's blessed.

Bucci, Emily T.

Her air, her manners, all who saw admired,
Courteous though coy, and gentle though retired.

Burnet, Laura L.

We grant though she has much wit,
She is very shy of using it.

DENTAL REVIEW

COLUMBIA



Corbett, Dorothy A.

The sweetest of earth's music came from you,
The music of a noble life and true.

Darrah, Anne M.

She is a maid of artless grace,
Gentle in form and fair of face.

Donlon, Mary E.

Far may we search before we find,
A heart so womanly and so kind.

Dougherty, Fern A.

A girl who is pleasant, a girl who is gay,
A girl who is happy the livelong day.

Dougherty, Marie C.

Rare compound of oddity, frolic, and fun,
Who relished a joke and rejoiced in a pun.

DENTAL REVIEW

One Hundred and Eighteen

COLUMBIA



Finelli, Lillian D.

She looks most shy
But there's mischief in her eye.

Fitzpatrick, Gertrude L.

Not very tall, not very small,
But fair and sweet, and loved by all.

Gallagher, Theresa R.

Happy and gay, from care she is free,
Why can't they all be contented like she?

Giaquinto, Carmela A.

She's cute, she's sweet,
And so petite.

Gibson, Alice E.

A dancing shape, an image gay,
To haunt, to startle, and waylay.

DENTAL REVIEW



Glaser, Pauline E.

Where fun is, there she lurks
But work she never shirks.

Graves, Carol J.

Her rosy frowns are fairer far
Than smiles of other maidens are.

Guttman, Regina

Charming manners and a winning smile
Have carried her fame many a mile.

Harrigan, Margaret A.

Breezy, smiling, and cheery,
Never gloomy or dreary.

Harris, Helen A.

Pensive and quiet is she,
But still has a heart for gaiety.

COLUMBIA



Harris, Muriel C.

A comrade good, without pretense,
Blessed with reason and common sense.

Holliday, Pauline M.

To those who know thee not, no words can paint,
And those who know thee, know all words are faint.

Horowitz, Helen

Honest, sincere, and frank
Is usually found in the leading rank.

Inman, Mila A.

The love light on our Mila's brow
Makes it clear to all she's Mrs. now.

Jiler, Helen

I supplicate for thy control,
For sure, thou art a gentle soul.

DENTAL REVIEW



Johnson, Helen C.

She speaketh not and yet there lies
A conversation in her eyes.

Kanney, Clara

Whence is thy learning? Hath thy toil
O'er books consumed the midnight oil?

Karp, Ruth Y.

Care is a stranger as her way she wends
And joy is always a constant friend.

Kerrigan, Margaret N.

I should really like to know
Why these anxious human beings rush around and worry so.

Kupferberg, Ethel E.

For her in vain the envious seasons roll
Who bears eternal summer in her soul.

COLUMBIA



MacGlashan, Marjorie S.

A perfect woman, nobly planned
To warm, to comfort, and command.

Maher, Margaret M.

Ah! little doth the young one dream
Things are not always what they seem.

Miller, Jeannette

Her rosy frowns are fairer far
Than smiles of other maidens are.

Neisner, Estelle S.

Estelle's head is carried high
Sophistication to imply.

Nicosia, Josephine

She can talk and dance and sing,
In fact can do most anything.

DENTAL REVIEW

One Hundred and Twenty-Three

COLUMBIA



Ostroleng, Dora

A bit of nonsense now and then
Is relished by the best of men.

Perry, Marion E.

A certain gleam was lacking, our class was not complete—
Along came Marion Perry, and now we can't be beat!

Quinlan, Marcella, D.

A quiet miss with a quiet smile
And a brain whose children are quite worth while.

Rachy, Martha E.

Earnest in her work, wholehearted in her play,
Noble in her thoughts; what more is there to say!

Randall, Constance G.

Her friends are many;
Her foes—are there any?

DENTAL REVIEW

COLUMBIA



Sachs, Hindel

I could be better if I would
But it's awfully lonesome being good.

Sabia, Anne M.

Good natured and happy and anxious to please,
Would that we all had such virtues as these.

Savage, Barbara A.

Merry eyes and laughter hearty,
Carefree and easy; nicknamed Bobby.

Schaul, Marian A.

Her southern accents fill us with delight,
Are all Georgia's daughters so lovable and bright?

Schiller, Ruth

A studious miss, she seeks all knowledge—
True to herself, her friends, her college.

DENTAL REVIEW

One Hundred and Twenty-five



Stivala, Stella

She's not very tall, but stature—what is that—
Her work and her studies, she has them all down pat.

Tierney, Matilda B.

A face with gladness overspread,
Soft smiles by human k'ndness bred.

Vollmer, Eleanor H.

Honest laughter and a cheerful smile
Shall to the world's last hour remain in style.

Wheeler, Frances H.

Self-confident and free from care,
Easy going—but she does get there!

Wilson, Virginia B.

When speaking of Virginia we hasten to declare
That here are brains and beauty, that combination rare.

Ziegler, Rhea R.

A quiet little girl, with a quiet little way,
When called on to recite she knows just what to say.

DENTIST AND DENTAL HYGIENIST

IT was with sincere appreciation that the 1932 class of dental hygienists accepted the invitation of the graduating dentists to join with them in the publication of this, their year book. We dare to look beyond the mere fact of this present collaboration of effort and hope that the union of endeavor here involved may symbolize a bond between dentists and hygienists which will ever grow more staunch and enduring.

Upon the completion of our prescribed educational course each of us will become engaged in a profession of health service which has as its ideal the betterment of the human race. Until fairly recent years dentistry concerned itself only with repair and restoration of those oral structures destroyed or impaired by disease or accident. Then came the era of "Prevention", involving regular and systematized care of the mouth aiming to reduce to a minimum its manifold diseases. When this subject of mouth hygiene was first publicly discussed it immediately became apparent to intelligent and conscientious dental practitioners that here was the fundamental idea in dentistry, but the time necessary of consumption for such prophylactic operation, even though of vital necessity, was more than they could spare from the superabundance of repair work urgently needing their services. And so it was that the dental hygienist was created and trained for the special purpose of aiding the dentist in his work of preventive dentistry through systematic oral prophylaxis.

Actual fact has served to silence those early cautious objectors who feared that the hygienist would overstep the boundaries of her own profession and encroach upon the dentist's field of operation. No such usurpation has been cited. The hygienist has found an ample area for her ambition in the countless numbers of people of all ages and classes who are in need of her own specialized service of oral prophylaxis and related health education. Likewise have we gratified to a large extent the early beliefs of those farsighted practitioners that the preventive work of the hygienist would reduce dental diseases. If such a day should ever come then indeed would preventive dentistry have reached its peak of achievement!

Exactly as foreseen by those ardent pioneers of the hygiene movement the licensed dental hygienist has proved an indispensable aid to the practicing dentist, her work being a boon to him as well as a service of inestimable value to his patients. In the well managed office, hygienist and dentist work side by side, to their own mutual benefit and also to the advantage of the patient. By means of a card index control, patients are notified at regular prearranged intervals to present themselves for prophylactic treatment and examination by

the hygienist. Deposits and stains are removed and the teeth polished; the oral tissues beneficially stimulated; a check up is made on the home care of the mouth administered by the patient and correction and instruction given as required; X-ray examination is made as deemed necessary; all cavities are disclosed and charted, including those small cavities which might otherwise pass unnoticed and be allowed to grow to graver proportions. Then the patient is passed on to the dentist for repair and restorative work and final examination. By this means the dentist is able to attend to a far greater practice, his work is more evenly distributed and becomes a regulated source of income, and his patients are content, knowing that they are receiving systematic and adequate dental care the cost of which individually, both in money, time, and health, is far less than it would be were they allowed to neglect their mouths for long periods of time and visit the dentist only when forced to do so by the painful and dire consequences of their thoughtlessness.

We speak here only of the hygienist in close association with her supervising dentist in the private dental office. Less direct, though equally prevailing, is the connection between dentist and hygienist in her other fields of employment: in large industrial concerns; institutions; hospitals; "flying squads"; and most particularly in the public schools where she gives prophylactic treatment to thousands of children, pointing out their dental defects and urging their correction, at the same time endeavoring to inculcate in their impressionable minds a health consciousness tending to develop in them an honest pride in a clean well kept oral cavity, an urge which in most cases will be spread by the child throughout the family circle.

In this cursory review of our related work we have stressed the close association between dental hygienist and dentist, and the common aim of their respective professions. The hygienist, of course, is wholly dependent upon the dentist, but the faith we have in the virtue and worthiness of our task and our own earnestness permits us to hope that the time is not far distant when each and every practicing dentist will realize that in the hygienist he has an aid whose services he cannot wisely forego. It is with these thoughts in mind that the hygienists represented herein extend their grateful appreciation to the graduating dentists, thanking them sincerely for their offer to share with us this organ of their class, and hoping that the generous spirit of co-operation here manifested may be perpetuated throughout their professional life.

M. DOROTHEA QUINLAN.

1932



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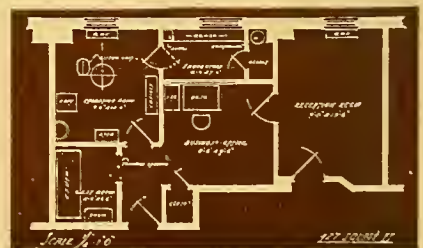
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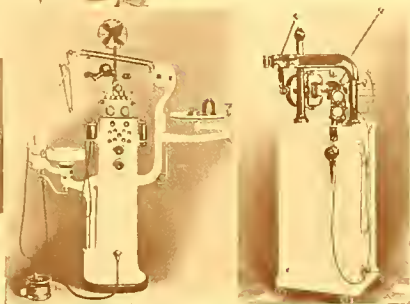
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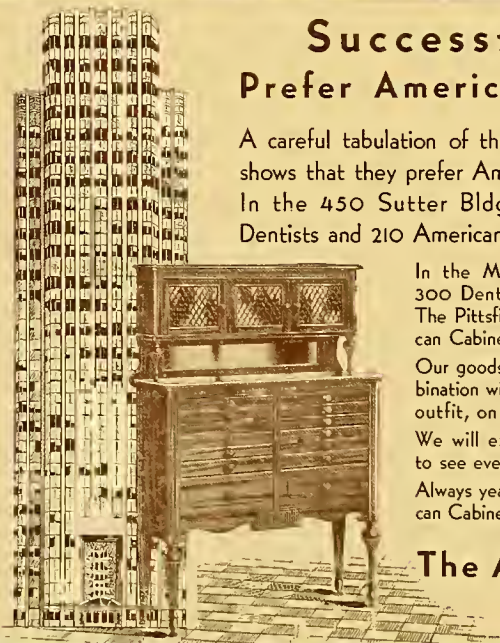
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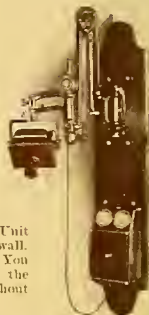
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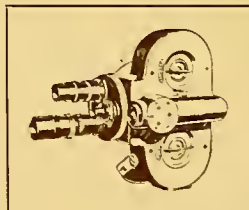
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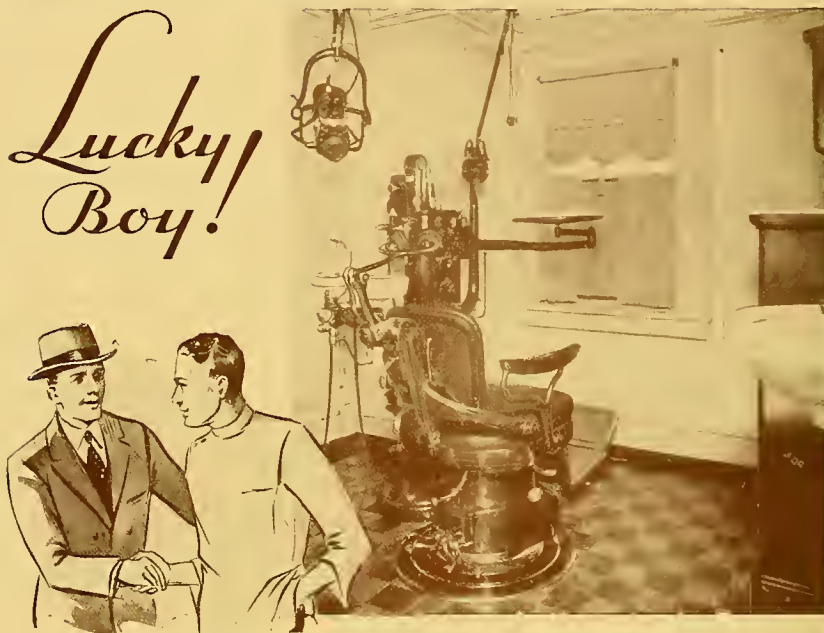
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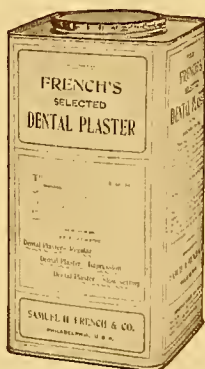
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